APPENDIX 5 Hematology

Volume 2 of 5

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

LIST OF ABBREVIATIONS AND MEASUREMENTS USED IN HEMATOLOGY DATA

WBC	WHITE BLOOD CELL
RBC	RED BLOOD CELLS
HGB	HEMOGLOBIN
HCT	HEMATOCRIT
MCV	MEAN CELL VOLUME
MCH	MEAN CELL HEMOGLOBIN
MCHC	MEAN CELL HEMOGLOBIN CONCENTRATION
PLT	PLATELETS
RETIC	RETICULOCYTES
HNZB	HEINZ BODIES
ASEGS	ABSOLUTE SEGMENTED CELL COUNT
ABANDS	ABSOLUTE BAND CELL COUNT
ALYMPH	ABSOLUTE LYMPHOCYTE COUNT
AMONO	ABSOLUTE MONOCYTE COUNT
AEOS	ABSOLUTE EOSINOPHILE COUNT
ABASO	ABSOLUTE BASOPHILE COUNT

g/dL	Gram per 100 ml (Deciliter)
10_3	1000's
10_6	1,000,000's
%	Percent
UM^3	Cubic Micrometer
UUG	Picogram
CLS X 10^{-3}	Cells X 1000
NRBC	Nucleated red blood cell

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-F:CONTROL								
15	18.4	7.50	15.8	50.6	67	21.1	31.2	532
16	14.9	7.05	14.7	42.8	61	20.9	34.3	960
21	12.9	7.07	14.9	44.0	62	21.1	33.9	573
29	14.5	8.05	16.6	50.3	62	20.6	33.0	579
32	9.3	8.97	18.0	54.4	61	20.1	33.1	654
36	17.7	7.91	16.2	48.3	61	20.5	33.5	751
71	21.6	8.21	17.2	52.0	63	21.0	33.1	--
72	14.5	7.50	15.8	47.1	63	21.1	33.5	--
76	12.7	7.20	15.9	46.1	64	22.1	34.5	669
78	22.8	7.75	16.3	47.0	61	21.0	34.7	808
79	9.8	7.60	15.4	46.0	61	20.3	33.5	746
80	13.4	6.83	14.2	41.5	61	20.8	34.2	--
106	18.3	7.55	15.9	46.9	62	21.1	33.9	--
111	12.3	7.34	15.6	47.4	65	21.3	32.9	714
114	24.4	7.44	16.1	46.7	63	21.6	34.5	--
124	16.8	7.44	15.1	43.7	59	20.3	34.6	--
127	19.9	6.73	14.8	42.3	63	22.0	35.0	793
130	22.2	7.34	15.7	45.9	63	21.4	34.2	587
132	47.8	7.47	15.5	44.9	60	20.7	34.5	--
143	22.0	7.42	15.1	44.3	60	20.4	34.1	--
147	19.6	6.93	14.4	42.4	61	20.8	34.0	717
149	13.9	6.94	14.5	42.8	62	20.9	33.9	866
156	13.6	7.55	16.3	47.2	63	21.6	34.5	715
162	16.6	8.33	17.1	51.2	61	20.5	33.4	--
166	15.9	8.44	17.3	52.8	63	20.5	32.8	777
170	14.3	8.64	16.9	50.2	58	19.6	33.7	714
171	20.6	7.43	15.5	45.5	61	20.9	34.1	675
179	12.1	8.05	15.9	47.8	59	19.8	33.3	--
188	14.1	7.49	15.2	45.5	61	20.3	33.4	771
189	27.1	7.74	16.2	48.2	62	20.9	33.6	622
194	22.4	8.02	15.5	46.9	58	19.3	33.0	946
196	20.9	7.09	15.7	45.2	64	22.1	34.7	--
210	23.7	6.90	15.0	43.5	63	21.7	34.5	685
212	18.0	8.80	17.2	53.2	60	19.5	32.3	626
219	20.5	6.84	14.5	41.4	61	21.2	35.0	730
MEAN	18.3	7.59	15.8	46.7	62	20.8	33.8	717
SD	6.75	0.577	0.92	3.43	1.9	0.69	0.81	109.1
N	35	35	35	35	35	35	35	24

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 2-F:CONTROL								
8	15.5	7.57	15.4	45.1	60	20.3	34.1	734
12	15.2	7.28	15.3	44.0	60	21.0	34.8	864
18	10.6	7.86	15.7	47.2	60	20.0	33.3	870
19	15.8	7.12	15.0	43.4	61	21.1	34.6	596
23	12.5	8.25	15.6	50.0	61	18.9	31.2	667
30	17.5	7.61	15.9	46.8	61	20.9	34.0	658
34	12.1	7.98	15.4	45.9	58	19.3	33.6	697
37	22.5	7.21	15.3	45.0	62	21.2	34.0	828
40	18.4	8.13	17.2	51.5	63	21.2	33.4	826
42	7.9	8.40	17.6	52.4	62	21.0	33.6	773
44	12.2	7.99	16.2	47.5	59	20.3	34.1	764
69	13.2	7.31	15.9	47.5	65	21.8	33.5	695
81	22.2	6.94	14.6	41.8	60	21.0	34.9	--
101	11.8	8.29	16.7	50.1	60	20.1	33.3	--
112	14.9	7.74	16.3	47.9	62	21.1	34.0	918
113	13.2	8.63	16.7	51.3	59	19.4	32.6	548
121	14.5	7.50	15.2	44.3	59	20.3	34.3	--
125	13.5	7.52	15.4	45.2	60	20.5	34.1	900
131	--	--	--	--	--	--	--	--
135	15.0	7.00	15.4	45.3	65	22.0	34.0	689
137	9.4	7.42	15.2	44.9	61	20.5	33.9	594
138	15.6	7.34	15.5	46.5	63	21.1	33.3	648
139	15.5	8.72	17.2	53.3	61	19.7	32.3	583
142	15.8	8.23	16.1	48.4	59	19.6	33.3	761
150	10.9	7.38	14.7	44.1	60	19.9	33.3	--
154	12.0	7.78	16.1	47.6	61	20.7	33.8	783
155	12.8	7.41	16.1	46.7	63	21.7	34.5	761
165	8.2	7.93	16.4	49.3	62	20.7	33.3	621
167	18.4	7.82	16.3	47.4	61	20.8	34.4	664
172	9.2	7.80	15.3	44.7	57	19.6	34.2	--
182	16.4	7.59	16.1	48.3	64	21.2	33.3	--
206	23.4	7.13	15.6	44.5	62	21.9	35.1	638
208	16.3	7.79	16.7	49.1	63	21.4	34.0	731
220	21.8	8.08	16.6	50.0	62	20.5	33.2	649
45	11.4	7.78	16.0	47.8	61	20.6	33.5	735
MEAN	14.6	7.72	15.9	47.2	61	20.6	33.7	721
SD	3.97	0.452	0.72	2.73	1.8	0.77	0.76	99.7
N	34	34	34	34	34	34	34	28

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-F:150 PPM								
1	18.0	6.99	14.7	42.8	61	21.0	34.3	--
5	18.0	7.92	17.0	50.0	63	21.5	34.0	679
6	14.4	7.29	15.5	45.0	62	21.3	34.4	747
10	20.3	7.76	15.4	44.5	57	19.8	34.6	630
11	33.1	7.26	15.4	45.2	62	21.2	34.1	610
26	16.7	7.28	15.1	45.0	62	20.7	33.6	1037
27	18.0	8.25	16.8	51.1	62	20.4	32.9	926
46	10.1	8.62	17.3	50.9	59	20.1	34.0	--
47	16.5	7.37	15.2	45.9	62	20.6	33.1	849
100	18.2	7.95	15.6	45.6	57	19.6	34.2	--
103	9.2	8.25	17.5	51.5	62	21.2	34.0	728
120	12.3	8.09	16.6	48.7	60	20.5	34.1	--
122	14.3	8.13	16.3	47.5	58	20.0	34.3	733
123	15.2	7.57	15.9	46.2	61	21.0	34.4	--
126	14.8	7.71	15.5	46.5	60	20.1	33.3	850
128	15.5	7.74	15.4	45.1	58	19.9	34.1	824
129	16.8	7.80	15.3	46.0	59	19.6	33.3	637
140	20.8	7.20	15.2	44.6	62	21.1	34.1	719
148	24.0	7.21	15.2	43.7	61	21.1	34.8	727
152	20.8	8.10	16.9	51.0	63	20.9	33.1	763
153	13.7	7.97	15.7	47.0	59	19.7	33.4	609
157	17.7	7.36	15.7	45.3	62	21.3	34.7	912
159	17.3	7.33	15.0	44.7	61	20.5	33.6	--
175	7.7	8.08	15.9	47.6	59	19.7	33.4	664
176	12.8	7.88	15.3	45.0	57	19.4	34.0	628
177	20.1	7.44	15.8	46.3	62	21.2	34.1	688
178	10.3	8.08	16.6	49.7	62	20.5	33.4	645
191	15.1	8.37	17.1	51.0	61	20.4	33.5	669
195	7.0	8.48	16.8	49.5	58	19.8	33.9	--
198	21.9	8.12	17.3	51.7	64	21.3	33.5	--
203	8.5	7.48	15.4	45.8	61	20.6	33.6	--
207	10.9	8.32	16.8	50.8	61	20.2	33.1	774
215	29.5	7.32	15.0	44.0	60	20.5	34.1	563
216	19.1	8.33	17.3	50.4	61	20.8	34.3	624
217	20.4	8.11	16.2	48.3	60	20.0	33.5	674
MEAN	16.5	7.80	16.0	47.3	61	20.5	33.9	727
SD	5.64	0.435	0.82	2.66	1.8	0.60	0.50	114.3
N	35	35	35	35	35	35	35	26

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 4-F:450 PPM								
2	12.4	7.93	15.5	46.1	58	19.5	33.6	736
3	12.3	7.81	16.1	46.5	60	20.6	34.6	644
7	12.1	8.03	16.4	48.8	61	20.4	33.6	903
13	16.1	7.43	15.8	45.9	62	21.3	34.4	913
17	20.3	6.84	14.7	42.6	62	21.5	34.5	793
20	15.6	8.04	16.0	49.9	62	19.9	32.1	--
24	14.5	8.24	16.5	47.7	58	20.0	34.6	968
25	14.9	7.82	15.8	47.0	60	20.2	33.6	723
28	15.0	7.53	15.5	46.1	61	20.6	33.6	679
31	10.0	7.49	15.2	45.5	61	20.3	33.4	--
33	16.9	8.20	16.5	49.5	60	20.1	33.3	--
38	17.5	7.65	16.6	48.7	63	21.6	34.1	920
73	16.5	6.99	14.2	41.6	60	20.3	34.1	733
75	13.3	8.43	16.1	48.3	57	19.1	33.3	--
77	9.6	6.81	14.5	42.6	63	21.3	34.0	632
102	15.6	7.38	15.6	47.1	64	21.1	33.1	--
105	14.5	8.08	16.0	48.7	60	19.8	32.9	601
110	12.0	6.66	14.5	42.9	64	21.8	33.8	692
118	19.0	7.04	14.1	42.0	60	20.0	33.6	861
119	21.0	7.46	15.9	46.6	62	21.3	34.1	671
133	24.5	7.39	16.0	45.6	62	21.7	35.1	652
136	19.0	8.69	18.0	52.8	61	20.7	34.1	784
141	16.6	8.39	16.8	50.6	60	20.0	33.2	905
145	10.3	8.15	17.3	51.7	63	21.2	33.5	--
151	18.0	7.58	15.4	46.8	62	20.3	32.9	742
161	15.9	8.05	16.2	46.9	58	20.1	34.5	883
169	9.6	7.40	16.1	46.5	63	21.8	34.6	686
190	35.9	6.95	15.1	45.4	65	21.7	33.3	714
200	25.4	8.42	17.5	51.4	61	20.8	34.0	724
202	26.2	7.67	16.4	48.7	63	21.4	33.7	--
205	19.2	7.25	17.2	50.5	62	21.2	34.1	760
211	10.4	6.52	13.9	39.1	60	21.3	35.5	884
214	19.7	7.49	15.6	46.4	62	20.8	33.6	651
218	17.4	7.68	15.7	46.7	61	20.4	33.6	823
109	22.3	7.69	15.4	46.4	60	20.0	33.2	778
MEAN	16.8	7.63	15.8	46.8	61	20.7	33.8	766
SD	5.49	0.541	0.95	3.03	1.8	0.72	0.67	103.5
N	35	35	35	35	35	35	35	28

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-F:2500 PPM								
9	18.1	6.85	14.3	43.5	64	20.9	32.9	630
22	19.9	7.39	15.6	45.8	62	21.1	34.1	--
35	8.7	8.64	17.6	53.0	61	20.4	33.2	782
43	18.5	7.84	15.6	47.2	60	19.9	33.1	648
48	31.6	8.77	16.7	51.6	59	19.0	32.4	--
104	13.0	8.14	15.5	51.0	63	19.0	30.4	--
107	15.2	7.51	15.5	47.3	63	20.6	32.8	706
115	17.5	8.45	15.9	50.1	59	18.8	31.7	--
116	17.3	7.18	15.1	44.0	61	21.0	34.3	890
117	16.0	7.59	15.5	46.9	62	20.4	33.0	742
134	15.2	8.41	17.2	50.9	61	20.5	33.8	558
144	10.5	7.58	15.4	47.2	62	20.3	32.6	646
146	11.7	8.62	16.9	53.1	62	19.6	31.8	653
158	10.8	6.77	14.7	42.0	62	21.7	35.0	732
160	16.8	7.32	15.7	46.3	63	21.4	33.9	856
164	16.1	7.80	16.1	47.1	60	20.6	34.2	--
168	7.7	7.48	14.9	44.5	59	19.9	33.5	665
173	20.2	7.55	15.2	44.1	58	20.1	34.5	--
174	12.0	7.54	15.5	44.5	59	20.6	34.8	--
4	12.2	7.49	14.5	47.2	63	19.4	30.7	--
14	13.1	7.69	15.6	44.9	58	20.3	34.7	570
39	8.4	8.47	16.8	51.2	60	19.8	32.8	668
68	12.0	7.33	15.3	45.9	63	20.9	33.3	662
74	27.2	7.03	14.7	42.0	60	20.9	35.0	--
82	15.1	6.33	13.6	39.3	62	21.5	34.6	--
181	13.4	8.58	17.2	51.9	60	20.0	33.1	--
183	17.8	7.35	15.2	44.4	60	20.7	34.2	688
185	35.2	7.24	15.3	44.9	62	21.1	34.1	--
192	17.4	7.63	15.4	45.5	60	20.2	33.8	596
193	12.9	8.28	16.4	48.2	58	19.8	34.0	663
197	17.8	8.26	17.1	50.8	62	20.7	33.7	587
199	30.0	7.05	15.4	45.1	64	21.8	34.1	--
201	33.0	6.84	14.9	42.8	63	21.8	34.8	--
204	9.3	9.49	18.3	55.8	59	19.3	32.8	566
209	11.7	7.70	16.2	49.1	64	21.0	33.0	641
MEAN	16.7	7.72	15.7	47.1	61	20.4	33.4	674
SD	7.00	0.678	1.00	3.71	1.8	0.79	1.13	88.2
N	35	35	35	35	35	35	35	21

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-F:CONTROL								
15	6.4	0.0	12.05	0.64	5.15	0.28	0.28	0.00
16	1.8	0.0	12.22	0.07	1.86	0.30	0.30	0.15
21	2.1	0.0	9.80	0.13	2.39	0.26	0.26	0.06
29	1.5	0.0	11.16	0.14	2.54	0.65	0.00	0.00
32	3.5	0.0	7.39	0.00	1.16	0.60	0.09	0.05
36	6.1	0.0	13.45	0.00	1.68	2.39	0.18	0.00
71	3.1	0.0	16.74	0.00	4.10	0.65	0.00	0.11
72	1.4	0.0	11.02	0.00	2.39	1.01	0.07	0.00
76	3.5	0.0	9.48	0.00	2.02	0.88	0.25	0.00
78	8.3	0.0	17.33	0.00	2.74	2.62	0.11	0.00
79	2.4	0.0	8.33	0.00	0.69	0.59	0.20	0.00
80	2.6	0.0	11.46	0.00	1.47	0.47	0.00	0.00
106	2.6	0.0	13.63	0.00	3.29	0.73	0.64	0.00
111	2.3	0.0	8.12	0.00	2.89	1.17	0.12	0.00
114	2.6	0.0	20.01	0.00	2.93	1.10	0.37	0.00
124	2.6	0.0	12.94	0.00	2.02	1.51	0.25	0.08
127	2.2	0.0	16.42	0.00	1.69	1.69	0.10	0.00
130	3.5	0.0	18.54	0.00	1.55	1.67	0.44	0.00
132	6.4	0.0	38.00	0.24	4.06	5.02	0.48	0.00
143	3.8	0.0	16.61	0.00	3.19	2.09	0.11	0.00
147	3.0	0.0	17.35	0.00	1.18	0.88	0.10	0.10
149	2.4	0.0	12.30	0.00	1.18	0.21	0.21	0.00
156	0.9	0.0	10.74	0.00	1.90	0.82	0.14	0.00
162	4.1	0.0	12.62	0.00	2.08	1.74	0.17	0.00
166	3.2	0.0	14.31	0.00	1.03	0.56	0.00	0.00
170	4.5	0.0	11.73	0.00	1.22	1.22	0.00	0.14
171	2.7	0.0	16.38	0.00	3.19	0.72	0.31	0.00
179	2.4	0.0	10.10	0.00	1.39	0.54	0.06	0.00
188	1.7	0.0	12.48	0.00	1.20	0.42	0.00	0.00
189	2.5	0.0	21.41	0.00	4.74	0.81	0.14	0.00
194	2.2	0.0	18.03	0.34	3.02	0.78	0.22	0.00
196	4.2	0.0	15.88	0.00	3.03	1.67	0.21	0.10
210	2.5	0.0	18.84	0.00	2.49	2.13	0.24	0.00
212	1.3	0.0	13.59	0.00	2.97	1.08	0.36	0.00
219	2.3	0.0	16.91	0.41	2.56	0.41	0.10	0.10
MEAN	3.1	0.0	14.50	0.06	2.37	1.13	0.19	0.03
SD	1.60	0.00	5.417	0.142	1.074	0.928	0.150	0.047
N	35	35	35	35	35	35	35	35

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 2-F:CONTROL								
8	2.3	0.0	10.62	0.00	4.18	0.62	0.08	0.00
12	5.9	0.0	12.54	0.15	2.05	0.46	0.00	0.00
18	2.1	0.0	9.54	0.11	0.80	0.05	0.11	0.00
19	5.5	0.0	12.96	0.24	1.82	0.55	0.24	0.00
23	2.6	0.0	10.31	0.00	1.88	0.06	0.25	0.00
30	4.6	0.0	14.00	0.00	2.62	0.61	0.17	0.09
34	3.1	0.0	8.47	0.00	2.96	0.36	0.18	0.12
37	5.8	0.0	16.65	0.45	2.36	3.04	0.00	0.00
40	4.2	0.0	14.90	0.00	2.02	1.20	0.28	0.00
42	6.2	0.0	5.21	0.00	2.05	0.47	0.16	0.00
44	1.8	0.0	10.61	0.00	1.04	0.30	0.24	0.00
69	4.9	0.0	9.26	0.00	2.96	0.79	0.07	0.07
81	4.0	0.0	16.43	0.00	3.11	1.44	1.11	0.00
101	4.8	0.0	9.26	0.00	1.71	0.53	0.30	0.00
112	2.7	0.0	10.36	0.07	3.43	0.67	0.37	0.00
113	4.7	0.0	10.72	0.07	1.57	0.52	0.20	0.00
121	8.9	0.0	11.46	0.00	1.67	1.23	0.07	0.07
125	4.3	0.0	11.81	0.00	0.61	1.08	0.00	0.00
131	--	--	--	--	--	--	--	--
135	3.1	0.0	11.40	0.00	2.40	1.05	0.15	0.00
137	3.0	0.0	7.43	0.00	1.36	0.56	0.05	0.00
138	4.6	0.0	13.42	0.00	0.94	0.94	0.23	0.08
139	1.3	0.0	13.35	0.15	1.30	0.38	0.15	0.00
142	1.8	0.0	13.11	0.00	1.98	0.63	0.08	0.00
150	3.4	0.0	7.90	0.00	1.63	1.25	0.05	0.05
154	2.6	0.0	9.66	0.12	1.74	0.30	0.12	0.06
155	2.6	0.0	9.98	0.06	2.30	0.38	0.06	0.00
165	1.3	0.1	5.25	0.08	2.54	0.29	0.04	0.00
167	1.7	0.0	13.06	0.00	3.86	1.47	0.00	0.00
172	0.9	0.0	7.54	0.00	1.10	0.46	0.09	0.00
182	4.9	0.0	11.15	0.00	2.95	2.13	0.16	0.00
206	4.2	0.0	17.78	0.12	4.56	0.23	0.58	0.12
208	2.1	0.0	12.71	0.00	1.79	1.63	0.08	0.08
220	2.8	0.0	18.09	0.00	2.72	0.65	0.22	0.11
45	4.7	0.0	8.79	0.00	1.99	0.57	0.00	0.00
MEAN	3.6	0.0	11.34	0.05	2.18	0.79	0.17	0.03
SD	1.73	0.02	3.174	0.094	0.939	0.617	0.206	0.041
N	34	34	34	34	34	34	34	34

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-F:150 PPM								
1	1.8	0.0	12.96	0.00	3.78	0.72	0.54	0.00
5	2.0	0.0	14.22	0.00	3.06	0.54	0.18	0.00
6	1.7	0.0	11.09	0.00	1.73	1.44	0.14	0.00
10	2.7	0.0	17.36	0.10	2.23	0.41	0.20	0.00
11	3.8	0.0	26.81	0.00	3.97	1.49	0.66	0.17
26	4.7	0.0	12.86	0.42	2.67	0.42	0.33	0.00
27	2.7	0.0	15.39	0.00	1.71	0.81	0.09	0.00
46	3.0	0.0	8.03	0.00	1.52	0.45	0.10	0.00
47	3.5	0.0	13.12	0.25	2.31	0.49	0.25	0.08
100	5.7	0.0	13.65	0.00	2.55	1.37	0.55	0.09
103	6.6	0.0	7.55	0.00	0.96	0.55	0.09	0.00
120	3.3	0.0	9.47	0.00	1.66	1.17	0.00	0.00
122	3.0	0.0	10.37	0.00	2.36	1.36	0.21	0.00
123	3.7	0.0	10.94	0.00	2.13	1.90	0.23	0.00
126	3.9	0.0	11.40	0.00	2.22	1.11	0.07	0.00
128	2.7	0.0	13.57	0.00	1.08	0.69	0.08	0.00
129	3.5	0.0	14.46	0.00	1.92	0.33	0.00	0.00
140	3.0	0.0	17.68	0.00	1.87	1.04	0.21	0.00
148	1.4	0.0	17.88	0.72	3.84	1.32	0.24	0.00
152	2.7	0.0	16.74	0.00	2.81	1.04	0.21	0.00
153	1.1	0.0	10.69	0.21	2.12	0.68	0.00	0.00
157	1.7	0.1	13.19	0.18	3.89	0.35	0.09	0.00
159	3.9	0.0	13.15	0.00	2.68	1.21	0.26	0.00
175	4.2	0.0	3.58	0.00	3.23	0.58	0.23	0.08
176	3.1	0.0	8.13	0.00	3.52	1.15	0.00	0.00
177	5.8	0.0	15.68	0.00	2.51	1.31	0.50	0.10
178	2.3	0.0	7.83	0.00	1.55	0.72	0.21	0.00
191	2.0	0.0	12.76	0.08	2.11	0.08	0.00	0.08
195	2.3	0.0	2.94	0.00	3.57	0.21	0.28	0.00
198	2.6	0.0	17.63	0.00	3.07	1.20	0.00	0.00
203	2.0	0.0	6.29	0.00	1.36	0.81	0.00	0.04
207	2.7	0.0	7.85	0.05	2.89	0.05	0.00	0.05
215	2.2	0.0	25.07	0.44	3.10	0.74	0.15	0.00
216	2.8	0.0	15.09	0.67	2.29	1.05	0.00	0.00
217	2.0	0.0	16.42	0.20	3.47	0.20	0.10	0.00
MEAN	3.0	0.0	12.91	0.09	2.51	0.83	0.18	0.02
SD	1.25	0.02	5.062	0.189	0.829	0.455	0.172	0.041
N	35	35	35	35	35	35	35	35

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 4-F:450 PPM								
2	2.3	0.0	8.93	0.00	2.60	0.62	0.12	0.12
3	3.8	0.0	8.55	0.00	2.15	1.41	0.18	0.00
7	6.6	0.0	7.80	0.00	2.90	1.09	0.24	0.06
13	4.2	0.0	13.36	0.08	2.25	0.24	0.16	0.00
17	4.3	0.0	15.83	0.41	3.76	0.10	0.20	0.00
20	2.4	0.0	13.03	0.16	1.09	1.33	0.00	0.00
24	2.9	0.0	11.74	0.36	1.89	0.22	0.07	0.22
25	2.8	0.0	11.03	0.60	3.05	0.15	0.07	0.00
28	5.7	0.0	10.80	0.00	3.45	0.53	0.23	0.00
31	4.8	0.0	8.10	0.05	1.05	0.65	0.05	0.10
33	5.3	0.0	12.78	0.00	2.94	1.09	0.00	0.00
38	5.4	0.0	14.00	0.00	2.27	0.88	0.35	0.00
73	2.1	0.0	11.38	0.00	4.37	0.49	0.25	0.00
75	2.2	0.0	9.44	0.00	3.19	0.53	0.13	0.00
77	3.5	0.0	7.10	0.00	1.34	1.10	0.05	0.00
102	3.4	0.0	12.25	0.00	2.34	1.01	0.00	0.00
105	2.7	0.0	10.37	0.00	2.39	1.38	0.36	0.00
110	2.0	0.0	9.42	0.00	2.10	0.24	0.18	0.06
118	5.5	0.0	15.20	0.10	2.66	0.85	0.19	0.00
119	4.1	0.0	15.12	0.00	3.46	2.31	0.10	0.00
133	7.1	0.0	18.13	0.00	4.29	1.96	0.12	0.00
136	4.4	0.0	15.29	0.19	2.56	0.85	0.10	0.00
141	3.4	0.0	13.36	0.17	2.16	0.91	0.00	0.00
145	3.4	0.0	7.11	0.00	2.52	0.57	0.10	0.00
151	3.7	0.0	13.86	0.09	2.79	1.17	0.09	0.00
161	2.2	0.0	11.77	0.00	3.42	0.64	0.08	0.00
169	6.9	0.0	6.43	0.00	2.16	0.96	0.05	0.00
190	2.6	0.0	29.80	0.00	4.49	1.44	0.18	0.00
200	2.8	0.0	19.43	0.00	3.05	2.79	0.13	0.00
202	4.9	0.0	18.08	0.00	5.37	2.62	0.13	0.00
205	3.1	0.0	4.59	0.00	1.39	0.15	0.06	0.19
211	3.7	0.0	5.15	0.10	4.89	0.21	0.05	0.00
214	2.0	0.0	17.04	0.69	1.48	0.49	0.00	0.00
218	2.3	0.0	14.96	0.26	1.30	0.70	0.17	0.00
109	6.4	0.0	18.17	0.00	2.56	1.45	0.11	0.00
MEAN	3.9	0.0	12.55	0.09	2.73	0.95	0.12	0.02
SD	1.50	0.00	4.911	0.174	1.067	0.677	0.091	0.054
N	35	35	35	35	35	35	35	35

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-F:2500 PPM								
9	3.9	0.0	13.62	0.00	3.23	0.72	0.36	0.00
22	3.4	0.0	17.03	0.59	1.78	0.40	0.00	0.00
35	3.4	0.0	5.83	0.00	2.09	0.61	0.17	0.00
43	4.1	0.0	14.73	0.00	1.93	1.29	0.37	0.00
48	6.9	0.0	24.84	0.79	4.56	0.79	0.47	0.00
104	2.3	0.0	10.66	0.00	1.43	0.91	0.00	0.00
107	5.8	0.0	10.94	0.23	2.28	1.67	0.08	0.00
115	2.6	0.0	14.35	0.00	2.01	0.96	0.17	0.00
116	2.2	0.0	11.94	0.43	3.46	1.47	0.00	0.00
117	4.6	0.0	12.42	0.24	2.87	0.32	0.08	0.00
134	5.1	0.0	12.01	0.00	1.67	1.52	0.00	0.00
144	2.0	0.0	8.19	0.05	1.52	0.47	0.26	0.00
146	4.3	0.0	9.65	0.00	1.05	0.99	0.00	0.00
158	1.6	0.0	9.13	0.27	1.03	0.38	0.00	0.00
160	2.7	0.0	13.27	0.00	2.27	1.18	0.08	0.00
164	1.9	0.0	11.85	0.00	2.24	1.60	0.32	0.00
168	0.8	0.0	5.20	0.00	1.81	0.65	0.04	0.00
173	1.5	0.0	17.47	0.00	1.92	0.40	0.30	0.10
174	0.9	0.0	7.92	0.00	3.60	0.42	0.06	0.00
4	2.5	0.0	9.15	0.00	2.07	0.61	0.37	0.00
14	5.3	0.0	9.24	0.00	3.14	0.52	0.20	0.00
39	4.4	0.0	5.92	0.00	2.18	0.25	0.00	0.04
68	2.3	0.0	9.90	0.00	1.62	0.36	0.12	0.00
74	4.1	0.0	19.86	0.00	5.71	1.36	0.27	0.00
82	4.0	0.0	11.40	0.00	2.57	1.06	0.08	0.00
181	4.8	0.0	10.05	0.00	1.88	1.41	0.07	0.00
183	2.3	0.0	12.64	0.00	2.22	2.58	0.36	0.00
185	2.2	0.0	27.46	0.00	5.10	2.64	0.00	0.00
192	2.3	0.0	12.70	0.00	3.57	0.96	0.17	0.00
193	4.8	0.0	10.51	0.00	1.16	1.03	0.13	0.06
197	4.0	0.0	13.71	0.00	2.49	1.51	0.09	0.00
199	4.7	0.0	23.10	0.00	2.70	4.05	0.15	0.00
201	4.4	0.0	24.59	0.00	4.62	3.63	0.17	0.00
204	1.6	0.0	6.70	0.05	2.19	0.05	0.33	0.00
209	2.3	0.0	7.72	0.00	2.69	1.05	0.23	0.00
MEAN	3.3	0.0	12.73	0.08	2.53	1.14	0.16	0.01
SD	1.48	0.00	5.549	0.184	1.123	0.901	0.137	0.020
N	35	35	35	35	35	35	35	35

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: WHITE BLOOD CELLS (10-3)					
MEAN	18.3	14.6	16.5	16.8	16.7
SD	6.75	3.97	5.64	5.49	7.00
N	35	34	35	35	35
Test: RED BLOOD CELLS (10-6)					
MEAN	7.59	7.72	7.80	7.63	7.72
SD	0.577	0.452	0.435	0.541	0.678
N	35	34	35	35	35
Test: HEMOGLOBIN (g/dL)					
MEAN	15.8	15.9	16.0	15.8	15.7
SD	0.92	0.72	0.82	0.95	1.00
N	35	34	35	35	35
Test: HEMATOCRIT (%)					
MEAN	46.7	47.2	47.3	46.8	47.1
SD	3.43	2.73	2.66	3.03	3.71
N	35	34	35	35	35
Test: MEAN CELL VOLUME (UM3)					
MEAN	62	61	61	61	61
SD	1.9	1.8	1.8	1.8	1.8
N	35	34	35	35	35
Test: MEAN CELL HEMOGLOBIN (UUG)					
MEAN	20.8	20.6	20.5	20.7	20.4
SD	0.69	0.77	0.60	0.72	0.79
N	35	34	35	35	35

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: MEAN CELL HEMOGLOBIN CONCENTRA (g/dL)					
MEAN	33.8	33.7	33.9	33.8	33.4
SD	0.81	0.76	0.50	0.67	1.13
N	35	34	35	35	35
Test: PLATELETS (10-3)					
MEAN	717	721	727	766	674
SD	109.1	99.7	114.3	103.5	88.2
N	24	28	26	28	21
Test: RETICULOCYTES (%)					
MEAN	3.1	3.6	3.0	3.9	3.3
SD	1.60	1.73	1.25	1.50	1.48
N	35	34	35	35	35
Test: HEINZ BODIES (%)					
MEAN	0.0	0.0	0.0	0.0	0.0
SD	0.00	0.02	0.02	0.00	0.00
N	35	34	35	35	35
Test: ABSOLUTE SEGMENTED CELL COUNT (CLS X 10-3)					
MEAN	14.50	11.34	12.91	12.55	12.73
SD	5.417	3.174	5.062	4.911	5.549
N	35	34	35	35	35
Test: ABSOLUTE BAND CELL COUNT (CLS X 10-3)					
MEAN	0.06	0.05	0.09	0.09	0.08
SD	0.142	0.094	0.189	0.174	0.184
N	35	34	35	35	35
Test: ABSOLUTE LYMPHOCYTE COUNT (CLS X 10-3)					
MEAN	2.37	2.18	2.51	2.73	2.53
SD	1.074	0.939	0.829	1.067	1.123
N	35	34	35	35	35

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: ABSOLUTE MONOCYTE COUNT (CLS X 10-3)					
MEAN	1.13	0.79	0.83	0.95	1.14
SD	0.928	0.617	0.455	0.677	0.901
N	35	34	35	35	35
Test: ABSOLUTE EOSINOPHILE COUNT (CLS X 10-3)					
MEAN	0.19	0.17	0.18	0.12	0.16
SD	0.150	0.206	0.172	0.091	0.137
N	35	34	35	35	35
Test: ABSOLUTE BASOPHILE COUNT (CLS X 10-3)					
MEAN	0.03	0.03	0.02	0.02	0.01
SD	0.047	0.041	0.041	0.054	0.020
N	35	34	35	35	35

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

WHITE BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	639.5	18.3	6.75				TREATMENTS	4	239.31	59.83
2-F	34	495.6	14.6	3.97				ERROR	169	5840.66	34.56
3-F	35	579.0	16.5	5.64							
4-F	35	589.5	16.8	5.49				TOTAL	173	6079.98	
5-F	35	583.3	16.7	7.00							

F Ratio = 1.73 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 35.433 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

RED BLOOD CELLS

1-F	35	265.56	7.59	0.577				TREATMENTS	4	1.00	0.25
2-F	34	262.53	7.72	0.452				ERROR	169	50.07	0.30
3-F	35	273.16	7.80	0.435							
4-F	35	267.18	7.63	0.541				TOTAL	173	51.07	
5-F	35	270.19	7.72	0.678							

F Ratio = 0.84 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 7.075 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

HEMOGLOBIN

1-F	35	552.0	15.8	0.92				TREATMENTS	4	1.47	0.37
2-F	34	540.7	15.9	0.72				ERROR	169	133.59	0.79
3-F	35	559.7	16.0	0.82							
4-F	35	554.1	15.8	0.95				TOTAL	173	135.05	
5-F	35	550.8	15.7	1.00							

F Ratio = 0.46 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 5.611 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEMATOCRIT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	1636.0	46.7	3.43				TREATMENTS	4	7.08	1.77
2-F	34	1604.8	47.2	2.73				ERROR	169	1666.59	9.86
3-F	35	1653.9	47.3	2.66							
4-F	35	1639.6	46.8	3.03				TOTAL	173	1673.67	
5-F	35	1649.1	47.1	3.71							

F Ratio = 0.18 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 6.677 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

MEAN CELL VOLUME

1-F	35	2159	62	1.9				TREATMENTS	4	23.02	5.76
2-F	34	2077	61	1.8				ERROR	169	570.68	3.38
3-F	35	2119	61	1.8							
4-F	35	2141	61	1.8				TOTAL	173	593.70	
5-F	35	2138	61	1.8							

F Ratio = 1.70 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 3.007 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

MEAN CELL HEMOGLOBIN

1-F	35	729.0	20.8	0.69				TREATMENTS	4	3.47	0.87
2-F	34	701.3	20.6	0.77				ERROR	169	87.08	0.52
3-F	35	717.5	20.5	0.60							
4-F	35	724.1	20.7	0.72				TOTAL	173	90.55	
5-F	35	715.0	20.4	0.79							

F Ratio = 1.68 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 3.482 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

MEAN CELL HEMOGLOBIN CONCENTRA

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	1182.4	33.8	0.81				TREATMENTS	4	3.58	0.89
2-F	34	1146.8	33.7	0.76				ERROR	169	108.33	0.64
3-F	35	1184.8	33.9	0.50							
4-F	35	1183.2	33.8	0.67				TOTAL	173	111.91	
5-F	35	1170.7	33.4	1.13							

F Ratio = 1.40 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 2.374 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

PLATELETS

1-F	24	17210	717	109.1				TREATMENTS	4	104614	26153
2-F	28	20195	721	99.7				ERROR	122	1313291	10765
3-F	26	18909	727	114.3							
4-F	28	21455	766	103.5				TOTAL	126	1417905	
5-F	21	14149	674	88.2							

F Ratio = 2.43 'F' table values F.01 = 3.51 F.05 = 2.46
Coeff. Var. % = 14.335 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

RETICULOCYTES

1-F	35	108.6	3.1	1.60				TREATMENTS	4	17.08	4.27
2-F	34	123.4	3.6	1.73				ERROR	169	390.19	2.31
3-F	35	106.1	3.0	1.25							
4-F	35	134.9	3.9	1.50				TOTAL	173	407.26	
5-F	35	116.0	3.3	1.48							

F Ratio = 1.85 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 44.888 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEINZ BODIES

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	0.0	0.0	0.00				TREATMENTS	4	0.0003	0.0001
2-F	34	0.1	0.0	0.02				ERROR	169	0.0194	0.0001
3-F	35	0.1	0.0	0.02							
4-F	35	0.0	0.0	0.00				TOTAL	173	0.0198	
5-F	35	0.0	0.0	0.00							

F Ratio = 0.76 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 932.615 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE SEGMENTED CELL COUNT

1-F	35	507.37	14.50	5.417				TREATMENTS	4	175.33	43.83
2-F	34	385.73	11.34	3.174				ERROR	169	4068.57	24.07
3-F	35	451.85	12.91	5.062							
4-F	35	439.40	12.55	4.911				TOTAL	173	4243.90	
5-F	35	445.70	12.73	5.549							

F Ratio = 1.82 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 38.284 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE BAND CELL COUNT

1-F	35	1.97	0.06	0.142				TREATMENTS	4	0.06	0.02
2-F	34	1.62	0.05	0.094				ERROR	169	4.36	0.03
3-F	35	3.32	0.09	0.189							
4-F	35	3.26	0.09	0.174				TOTAL	173	4.42	
5-F	35	2.65	0.08	0.184							

F Ratio = 0.61 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 218.015 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE LYMPHOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	82.99	2.37	1.074				TREATMENTS	4	5.89	1.47
2-F	34	74.00	2.18	0.939				ERROR	169	173.31	1.03
3-F	35	87.74	2.51	0.829							
4-F	35	95.68	2.73	1.067				TOTAL	173	179.20	
5-F	35	88.66	2.53	1.123							

F Ratio = 1.44 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 41.067 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE MONOCYTE COUNT

1-F	35	39.67	1.13	0.928				TREATMENTS	4	3.73	0.93
2-F	34	26.90	0.79	0.617				ERROR	169	92.04	0.54
3-F	35	28.99	0.83	0.455							
4-F	35	33.13	0.95	0.677				TOTAL	173	95.77	
5-F	35	39.82	1.14	0.901							

F Ratio = 1.71 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 76.203 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE EOSINOPHILE COUNT

1-F	35	6.51	0.19	0.150				TREATMENTS	4	0.09	0.02
2-F	34	5.89	0.17	0.206				ERROR	169	4.10	0.02
3-F	35	6.20	0.18	0.172							
4-F	35	4.30	0.12	0.091				TOTAL	173	4.19	
5-F	35	5.50	0.16	0.137							

F Ratio = 0.89 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 95.433 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE BASOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	0.89	0.03	0.047				TREATMENTS	4	0.009	0.002
2-F	34	0.85	0.03	0.041				ERROR	169	0.301	0.002
3-F	35	0.69	0.02	0.041							
4-F	35	0.75	0.02	0.054				TOTAL	173	0.310	
5-F	35	0.20	0.01	0.020							

F Ratio =	1.27	'F' table values	F.01 =	3.44	F.05 =	2.43
Coeff. Var. % =	217.365	Dunnett's 'T' table values	P.01 =	3.00	P.05 =	2.44

Error-within groups
Source-Source of Variation

Treatments-between groups

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-M:CONTROL								
60	4.8	8.21	15.8	46.6	57	19.2	33.9	854
64	7.6	7.89	15.8	47.1	60	20.0	33.5	--
86	6.6	7.77	15.5	46.1	59	19.9	33.6	477
95	8.4	7.88	16.6	48.1	61	21.1	34.5	--
97	3.7	8.89	17.5	53.1	60	19.7	33.0	--
99	5.4	9.31	17.9	53.2	57	19.2	33.6	--
57	11.9	8.44	17.1	52.0	62	20.3	32.9	761
MEAN	6.9	8.34	16.6	49.5	59	19.9	33.6	697
SD	2.73	0.579	0.93	3.18	1.9	0.66	0.54	196.4
N	7	7	7	7	7	7	7	3
GROUP: 2-M:CONTROL								
55	6.1	8.77	17.3	52.8	60	19.7	32.8	--
56	7.1	8.31	16.7	50.8	61	20.1	32.9	431
59	6.4	9.44	18.7	56.6	60	19.8	33.0	801
63	3.6	8.34	16.0	48.4	58	19.2	33.1	448
92	5.7	9.04	18.1	54.6	60	20.0	33.2	467
94	5.4	8.05	16.7	49.4	61	20.7	33.8	800
96	4.2	9.29	17.7	53.0	57	19.1	33.4	757
MEAN	5.5	8.75	17.3	52.2	60	19.8	33.2	617
SD	1.23	0.533	0.93	2.90	1.5	0.55	0.34	185.8
N	7	7	7	7	7	7	7	6

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-M:150 PPM								
51	3.9	8.58	16.5	49.0	57	19.2	33.7	--
65	5.8	9.11	17.5	52.3	57	19.2	33.5	--
83	5.3	8.47	17.4	52.3	62	20.5	33.3	--
90	4.4	7.99	15.7	46.9	59	19.6	33.5	667
91	5.9	8.24	17.6	51.2	62	21.4	34.4	915
93	5.2	8.39	16.3	48.2	57	19.4	33.8	762
98	6.2	7.45	15.0	46.3	62	20.1	32.4	--
MEAN	5.2	8.32	16.6	49.5	59	19.9	33.5	781
SD	0.83	0.515	0.99	2.50	2.5	0.81	0.60	125.1
N	7	7	7	7	7	7	7	3
GROUP: 4-M:450 PPM								
50	5.0	7.65	16.0	46.5	61	20.9	34.4	442
53	5.5	8.94	17.4	53.1	59	19.5	32.8	774
58	5.9	8.30	16.6	49.4	60	20.0	33.6	608
67	4.3	8.26	16.5	48.6	59	20.0	34.0	766
84	3.4	7.79	15.6	47.1	60	20.0	33.1	--
85	7.5	8.50	17.5	52.9	62	20.6	33.1	--
87	7.0	8.35	17.0	50.3	60	20.4	33.8	601
MEAN	5.5	8.26	16.7	49.7	60	20.2	33.5	638
SD	1.44	0.433	0.70	2.60	1.1	0.47	0.57	137.4
N	7	7	7	7	7	7	7	5

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-M:2500 PPM								
49	4.2	8.38	17.3	50.9	61	20.6	34.0	756
52	3.8	8.69	17.4	52.6	61	20.0	33.1	--
54	3.1	8.68	17.1	51.2	59	19.7	33.4	697
61	7.2	7.01	14.5	40.9	58	20.7	35.5	791
62	5.9	8.24	16.6	48.9	59	20.1	33.9	880
66	6.7	8.04	16.3	49.1	61	20.3	33.2	717
88	6.6	7.39	15.6	46.9	63	21.1	33.3	--
MEAN	5.4	8.06	16.4	48.6	60	20.4	33.8	768
SD	1.63	0.641	1.05	3.88	1.7	0.48	0.84	72.2
N	7	7	7	7	7	7	7	5

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-M:CONTROL								
60	2.1	0.0	2.54	0.00	1.66	0.41	0.12	0.07
64	1.8	0.0	6.00	0.00	1.44	0.04	0.11	0.00
86	4.0	0.0	3.50	0.00	2.94	0.16	0.00	0.00
95	2.1	0.0	6.22	0.00	1.64	0.29	0.25	0.00
97	3.1	0.0	2.76	0.00	0.69	0.20	0.05	0.00
99	3.2	0.0	3.02	0.00	1.86	0.38	0.14	0.00
57	2.2	0.0	7.14	0.12	3.39	0.12	1.01	0.12
MEAN	2.6	0.0	4.45	0.02	1.95	0.23	0.24	0.03
SD	0.80	0.00	1.925	0.045	0.921	0.137	0.348	0.049
N	7	7	7	7	7	7	7	7
GROUP: 2-M:CONTROL								
55	3.3	0.0	3.20	0.00	2.38	0.37	0.15	0.00
56	2.6	0.0	3.66	0.00	2.48	0.46	0.50	0.00
59	1.3	0.0	2.40	0.00	3.68	0.10	0.19	0.03
63	1.1	0.0	2.20	0.02	1.33	0.00	0.05	0.00
92	2.1	0.0	2.96	0.00	2.28	0.11	0.34	0.00
94	3.0	0.0	3.75	0.00	1.22	0.22	0.22	0.00
96	4.7	0.0	2.69	0.00	0.92	0.34	0.25	0.00
MEAN	2.6	0.0	2.98	0.00	2.04	0.23	0.24	0.00
SD	1.24	0.00	0.596	0.008	0.956	0.168	0.144	0.011
N	7	7	7	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-M:150 PPM								
51	2.1	0.0	3.08	0.00	0.70	0.10	0.02	0.00
65	2.1	0.0	3.36	0.09	1.65	0.52	0.15	0.03
83	1.8	0.0	2.68	0.00	2.20	0.31	0.05	0.00
90	3.3	0.0	3.59	0.00	0.57	0.20	0.04	0.00
91	2.3	0.0	3.33	0.00	2.15	0.15	0.24	0.03
93	2.3	0.0	2.91	0.00	2.16	0.05	0.08	0.00
98	1.7	0.0	4.18	0.00	1.58	0.25	0.15	0.03
MEAN	2.2	0.0	3.30	0.01	1.57	0.23	0.10	0.01
SD	0.53	0.00	0.491	0.034	0.689	0.157	0.079	0.016
N	7	7	7	7	7	7	7	7
GROUP: 4-M:450 PPM								
50	1.0	0.0	3.33	0.00	1.45	0.12	0.10	0.00
53	2.4	0.0	4.51	0.00	0.85	0.14	0.00	0.00
58	1.7	0.0	4.13	0.00	1.33	0.35	0.09	0.00
67	1.0	0.0	2.84	0.00	1.16	0.30	0.00	0.00
84	2.4	0.0	1.92	0.00	1.24	0.10	0.12	0.02
85	3.4	0.0	5.33	0.00	1.65	0.53	0.00	0.00
87	2.5	0.0	3.50	0.00	3.22	0.21	0.07	0.00
MEAN	2.1	0.0	3.65	0.00	1.56	0.25	0.05	0.00
SD	0.88	0.00	1.123	0.000	0.774	0.155	0.053	0.008
N	7	7	7	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-M:2500 PPM								
49	5.8	0.0	2.23	0.00	1.70	0.13	0.13	0.02
52	2.5	0.0	1.75	0.00	1.82	0.04	0.19	0.00
54	4.3	0.0	1.08	0.00	1.78	0.17	0.06	0.00
61	3.6	0.0	5.65	0.00	1.15	0.32	0.07	0.00
62	3.8	0.0	3.39	0.00	2.01	0.32	0.15	0.03
66	1.8	0.0	4.15	0.00	2.28	0.17	0.10	0.00
88	1.8	0.0	4.12	0.00	2.14	0.23	0.10	0.00
MEAN	3.4	0.0	3.20	0.00	1.84	0.20	0.11	0.01
SD	1.45	0.00	1.598	0.000	0.368	0.102	0.046	0.013
N	7	7	7	7	7	7	7	7

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: WHITE BLOOD CELLS (10-3)					
MEAN	6.9	5.5	5.2	5.5	5.4
SD	2.73	1.23	0.83	1.44	1.63
N	7	7	7	7	7
Test: RED BLOOD CELLS (10-6)					
MEAN	8.34	8.75	8.32	8.26	8.06
SD	0.579	0.533	0.515	0.433	0.641
N	7	7	7	7	7
Test: HEMOGLOBIN (g/dL)					
MEAN	16.6	17.3	16.6	16.7	16.4
SD	0.93	0.93	0.99	0.70	1.05
N	7	7	7	7	7
Test: HEMATOCRIT (%)					
MEAN	49.5	52.2	49.5	49.7	48.6
SD	3.18	2.90	2.50	2.60	3.88
N	7	7	7	7	7
Test: MEAN CELL VOLUME (UM3)					
MEAN	59	60	59	60	60
SD	1.9	1.5	2.5	1.1	1.7
N	7	7	7	7	7
Test: MEAN CELL HEMOGLOBIN (UUG)					
MEAN	19.9	19.8	19.9	20.2	20.4
SD	0.66	0.55	0.81	0.47	0.48
N	7	7	7	7	7

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: MEAN CELL HEMOGLOBIN CONCENTRA (g/dL)					
MEAN	33.6	33.2	33.5	33.5	33.8
SD	0.54	0.34	0.60	0.57	0.84
N	7	7	7	7	7
Test: PLATELETS (10-3)					
MEAN	697	617	781	638	768
SD	196.4	185.8	125.1	137.4	72.2
N	3	6	3	5	5
Test: RETICULOCYTES (%)					
MEAN	2.6	2.6	2.2	2.1	3.4
SD	0.80	1.24	0.53	0.88	1.45
N	7	7	7	7	7
Test: HEINZ BODIES (%)					
MEAN	0.0	0.0	0.0	0.0	0.0
SD	0.00	0.00	0.00	0.00	0.00
N	7	7	7	7	7
Test: ABSOLUTE SEGMENTED CELL COUNT (CLS X 10-3)					
MEAN	4.45	2.98	3.30	3.65	3.20
SD	1.925	0.596	0.491	1.123	1.598
N	7	7	7	7	7
Test: ABSOLUTE BAND CELL COUNT (CLS X 10-3)					
MEAN	0.02	0.00	0.01	0.00	0.00
SD	0.045	0.008	0.034	0.000	0.000
N	7	7	7	7	7
Test: ABSOLUTE LYMPHOCYTE COUNT (CLS X 10-3)					
MEAN	1.95	2.04	1.57	1.56	1.84
SD	0.921	0.956	0.689	0.774	0.368
N	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: ABSOLUTE MONOCYTE COUNT (CLS X 10-3)					
MEAN	0.23	0.23	0.23	0.25	0.20
SD	0.137	0.168	0.157	0.155	0.102
N	7	7	7	7	7
Test: ABSOLUTE EOSINOPHILE COUNT (CLS X 10-3)					
MEAN	0.24	0.24	0.10	0.05	0.11
SD	0.348	0.144	0.079	0.053	0.046
N	7	7	7	7	7
Test: ABSOLUTE BASOPHILE COUNT (CLS X 10-3)					
MEAN	0.03	0.00	0.01	0.00	0.01
SD	0.049	0.011	0.016	0.008	0.013
N	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

WHITE BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	48.4	6.9	2.73				TREATMENTS	4	13.13	3.28
2-M	7	38.5	5.5	1.23				ERROR	30	86.39	2.88
3-M	7	36.7	5.2	0.83							
4-M	7	38.6	5.5	1.44				TOTAL	34	99.52	
5-M	7	37.5	5.4	1.63							

F Ratio = 1.14 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 29.742 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

RED BLOOD CELLS

1-M	7	58.39	8.34	0.579				TREATMENTS	4	1.76	0.44
2-M	7	61.24	8.75	0.533				ERROR	30	8.89	0.30
3-M	7	58.23	8.32	0.515							
4-M	7	57.79	8.26	0.433				TOTAL	34	10.66	
5-M	7	56.43	8.06	0.641							

F Ratio = 1.49 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 6.525 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

HEMOGLOBIN

1-M	7	116.2	16.6	0.93				TREATMENTS	4	3.47	0.87
2-M	7	121.2	17.3	0.93				ERROR	30	25.88	0.86
3-M	7	116.0	16.6	0.99							
4-M	7	116.6	16.7	0.70				TOTAL	34	29.35	
5-M	7	114.8	16.4	1.05							

F Ratio = 1.00 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 5.559 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEMATOCRIT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	346.2	49.5	3.18				TREATMENTS	4	52.04	13.01
2-M	7	365.6	52.2	2.90				ERROR	30	279.45	9.31
3-M	7	346.2	49.5	2.50							
4-M	7	347.9	49.7	2.60				TOTAL	34	331.49	
5-M	7	340.5	48.6	3.88							

F Ratio = 1.40 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 6.117 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

MEAN CELL VOLUME

1-M	7	416	59	1.9				TREATMENTS	4	4.74	1.19
2-M	7	417	60	1.5				ERROR	30	97.43	3.25
3-M	7	416	59	2.5							
4-M	7	421	60	1.1				TOTAL	34	102.17	
5-M	7	422	60	1.7							

F Ratio = 0.37 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 3.015 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

MEAN CELL HEMOGLOBIN

1-M	7	139.4	19.9	0.66				TREATMENTS	4	1.51	0.38
2-M	7	138.6	19.8	0.55				ERROR	30	11.05	0.37
3-M	7	139.4	19.9	0.81							
4-M	7	141.4	20.2	0.47				TOTAL	34	12.56	
5-M	7	142.5	20.4	0.48							

F Ratio = 1.02 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 3.029 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

MEAN CELL HEMOGLOBIN CONCENTRATION

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	235.0	33.6	0.54				TREATMENTS	4	1.31	0.33
2-M	7	232.2	33.2	0.34				ERROR	30	10.79	0.36
3-M	7	234.6	33.5	0.60							
4-M	7	234.8	33.5	0.57				TOTAL	34	12.10	
5-M	7	236.4	33.8	0.84							

F Ratio = 0.91 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 1.789 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

PLATELETS

1-M	3	2092	697	196.4				TREATMENTS	4	100859	25215
2-M	6	3704	617	185.8				ERROR	17	377482	22205
3-M	3	2344	781	125.1							
4-M	5	3191	638	137.4				TOTAL	21	478341	
5-M	5	3841	768	72.2							

F Ratio = 1.14 'F' table values F.01 = 4.67 F.05 = 2.96
Coeff. Var. % = 21.607 Dunnett's 'T' table values P.01 = 3.47 P.05 = 2.69

RETICULOCYTES

1-M	7	18.5	2.6	0.80				TREATMENTS	4	7.19	1.80
2-M	7	18.1	2.6	1.24				ERROR	30	32.05	1.07
3-M	7	15.6	2.2	0.53							
4-M	7	14.4	2.1	0.88				TOTAL	34	39.24	
5-M	7	23.6	3.4	1.45							

F Ratio = 1.68 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 40.107 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEINZ BODIES

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	0.0	0.0	0.00				TREATMENTS	4	0.00000	0.00000
2-M	7	0.0	0.0	0.00				ERROR	30	0.00000	0.00000
3-M	7	0.0	0.0	0.00							
4-M	7	0.0	0.0	0.00				TOTAL	34	0.00000	
5-M	7	0.0	0.0	0.00							

F Ratio = 0.00 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 0.000 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE SEGMENTED CELL COUNT

1-M	7	31.18	4.45	1.925				TREATMENTS	4	9.33	2.33
2-M	7	20.86	2.98	0.596				ERROR	30	48.70	1.62
3-M	7	23.13	3.30	0.491							
4-M	7	25.56	3.65	1.123				TOTAL	34	58.03	
5-M	7	22.37	3.20	1.598							

F Ratio = 1.44 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 36.224 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE BAND CELL COUNT

1-M	7	0.12	0.02	0.045				TREATMENTS	4	0.0018	0.0004
2-M	7	0.02	0.00	0.008				ERROR	30	0.0196	0.0007
3-M	7	0.09	0.01	0.034							
4-M	7	0.00	0.00	0.000				TOTAL	34	0.0214	
5-M	7	0.00	0.00	0.000							

F Ratio = 0.67 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 389.246 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE LYMPHOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	13.62	1.95	0.921				TREATMENTS	4	1.34	0.33
2-M	7	14.29	2.04	0.956				ERROR	30	17.83	0.59
3-M	7	11.01	1.57	0.689							
4-M	7	10.90	1.56	0.774				TOTAL	34	19.17	
5-M	7	12.88	1.84	0.368							

F Ratio = 0.56 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 43.033 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE MONOCYTE COUNT

1-M	7	1.60	0.23	0.137				TREATMENTS	4	0.010	0.002
2-M	7	1.60	0.23	0.168				ERROR	30	0.635	0.021
3-M	7	1.58	0.23	0.157							
4-M	7	1.75	0.25	0.155				TOTAL	34	0.645	
5-M	7	1.38	0.20	0.102							

F Ratio = 0.12 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 64.359 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE EOSINOPHILE COUNT

1-M	7	1.68	0.24	0.348				TREATMENTS	4	0.205	0.051
2-M	7	1.70	0.24	0.144				ERROR	30	0.919	0.031
3-M	7	0.73	0.10	0.079							
4-M	7	0.38	0.05	0.053				TOTAL	34	1.124	
5-M	7	0.80	0.11	0.046							

F Ratio = 1.67 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 115.829 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 PRE-TREATMENT)
PERIOD: FEBRUARY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE BASOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	0.19	0.03	0.049				TREATMENTS	4	0.0027	0.0007
2-M	7	0.03	0.00	0.011				ERROR	30	0.0177	0.0006
3-M	7	0.09	0.01	0.016							
4-M	7	0.02	0.00	0.008				TOTAL	34	0.0205	
5-M	7	0.05	0.01	0.013							

F Ratio =	1.15	'F' table values	F.01 =	4.02	F.05 =	2.69
Coeff. Var. % =	223.994	Dunnett's 'T' table values	P.01 =	3.25	P.05 =	2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-M:CONTROL								
60	3.4	9.12	17.8	51.8	57	19.5	34.4	842
64	7.3	8.97	17.6	52.6	59	19.6	33.5	--
86	7.6	8.09	16.4	47.1	58	20.3	34.8	480
95	6.4	8.38	17.2	51.0	61	20.5	33.7	--
97	4.0	9.00	17.9	51.7	57	19.9	34.6	--
99	4.9	8.72	17.1	49.5	57	19.6	34.5	--
57	7.2	9.25	18.8	57.2	62	20.3	32.9	785
MEAN	5.8	8.79	17.5	51.6	59	20.0	34.1	702
SD	1.71	0.420	0.75	3.09	2.1	0.41	0.70	194.6
N	7	7	7	7	7	7	7	3
GROUP: 2-M:CONTROL								
55	14.4	7.58	15.8	44.7	59	20.8	35.3	902
56	4.1	9.20	18.3	54.3	59	19.9	33.7	387
59	4.2	9.47	18.6	54.7	58	19.6	34.0	883
63	4.3	8.82	17.0	51.2	58	19.3	33.2	514
92	6.1	9.13	18.1	52.5	58	19.8	34.5	768
94	6.8	7.56	15.3	45.2	60	20.2	33.8	892
96	5.3	8.85	17.8	50.7	57	20.1	35.1	768
MEAN	6.5	8.66	17.3	50.5	58	20.0	34.2	731
SD	3.65	0.775	1.29	4.05	1.0	0.48	0.77	202.7
N	7	7	7	7	7	7	7	7

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-M:150 PPM								
51	5.3	8.24	15.7	44.8	54	19.1	35.0	--
65	7.1	8.91	17.4	50.6	57	19.5	34.4	836
83	5.8	8.84	18.3	53.3	60	20.7	34.3	712
90	6.0	8.30	16.1	47.1	57	19.4	34.2	671
91	7.2	8.36	17.7	50.5	60	21.2	35.0	671
93	7.3	7.86	15.9	46.5	59	20.2	34.2	728
98	3.1	7.97	16.3	48.1	60	20.5	33.9	--
MEAN	6.0	8.35	16.8	48.7	58	20.1	34.4	724
SD	1.49	0.398	1.01	2.91	2.3	0.77	0.42	67.7
N	7	7	7	7	7	7	7	5
GROUP: 4-M:450 PPM								
50	3.3	8.85	18.0	54.1	61	20.3	33.3	730
53	11.3	8.81	17.7	52.3	59	20.1	33.8	658
58	3.9	9.53	19.1	57.4	60	20.0	33.3	587
67	10.3	9.12	18.1	53.8	59	19.8	33.6	712
84	5.5	8.44	16.7	49.2	58	19.8	33.9	759
85	6.5	8.78	18.5	54.1	62	21.1	34.2	700
87	5.6	9.37	18.9	55.9	60	20.2	33.8	740
MEAN	6.6	8.99	18.1	53.8	60	20.2	33.7	698
SD	3.06	0.377	0.81	2.61	1.3	0.45	0.33	58.6
N	7	7	7	7	7	7	7	7

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-M:2500 PPM								
49	8.0	7.70	16.4	46.3	60	21.3	35.4	881
52	3.8	8.79	16.9	49.7	57	19.2	34.0	732
54	6.4	8.25	16.5	47.9	58	20.0	34.4	387
61	7.8	8.74	17.2	51.1	58	19.7	33.7	739
62	4.0	9.04	17.6	52.7	58	19.5	33.4	846
66	8.2	7.99	16.7	48.8	61	20.9	34.2	866
88	6.1	8.51	17.9	52.6	62	21.0	34.0	561
MEAN	6.3	8.43	17.0	49.9	59	20.2	34.2	716
SD	1.84	0.477	0.56	2.41	1.9	0.83	0.64	182.4
N	7	7	7	7	7	7	7	7

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-M:CONTROL								
60	0.9	0.0	2.62	0.00	0.61	0.14	0.03	0.00
64	0.5	0.0	6.24	0.00	0.58	0.29	0.18	0.00
86	0.7	0.1	3.91	0.00	3.04	0.38	0.27	0.00
95	0.2	0.0	2.78	0.00	2.88	0.26	0.45	0.03
97	0.5	0.1	2.46	0.00	1.34	0.06	0.12	0.02
99	1.3	0.0	2.81	0.00	1.54	0.42	0.10	0.03
57	1.4	0.0	5.40	0.00	0.90	0.29	0.61	0.00
MEAN	0.8	0.0	3.75	0.00	1.56	0.26	0.25	0.01
SD	0.44	0.05	1.512	0.000	1.023	0.127	0.209	0.015
N	7	7	7	7	7	7	7	7
GROUP: 2-M:CONTROL								
55	0.5	0.0	11.66	0.00	2.16	0.22	0.36	0.00
56	0.6	0.0	2.75	0.00	0.92	0.25	0.14	0.04
59	1.3	0.0	1.87	0.00	1.55	0.29	0.48	0.00
63	0.4	0.0	2.62	0.02	1.53	0.06	0.06	0.00
92	1.1	0.0	3.08	0.00	2.26	0.21	0.49	0.06
94	0.6	0.0	2.89	0.00	2.18	0.14	1.60	0.00
96	0.8	0.0	2.89	0.00	1.72	0.27	0.37	0.05
MEAN	0.8	0.0	3.97	0.00	1.76	0.21	0.50	0.02
SD	0.33	0.00	3.415	0.008	0.481	0.081	0.512	0.027
N	7	7	7	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-M:150 PPM								
51	1.3	0.1	2.97	0.00	1.70	0.29	0.34	0.00
65	1.0	0.0	4.08	0.00	2.17	0.57	0.21	0.07
83	0.4	0.0	3.54	0.00	1.80	0.09	0.38	0.00
90	0.3	0.1	3.60	0.00	2.04	0.18	0.18	0.00
91	0.5	0.0	3.20	0.00	3.42	0.07	0.47	0.04
93	0.7	0.0	1.72	0.00	4.93	0.07	0.58	0.00
98	1.2	0.0	2.29	0.00	0.53	0.28	0.00	0.00
MEAN	0.8	0.0	3.06	0.00	2.37	0.22	0.31	0.02
SD	0.40	0.05	0.814	0.000	1.412	0.180	0.195	0.028
N	7	7	7	7	7	7	7	7
GROUP: 4-M:450 PPM								
50	1.5	0.0	2.38	0.00	0.76	0.10	0.07	0.00
53	0.4	0.0	9.15	0.00	1.53	0.51	0.11	0.00
58	1.3	0.0	2.55	0.00	0.92	0.27	0.14	0.02
67	0.7	0.0	5.82	0.00	3.35	0.67	0.46	0.00
84	1.1	0.0	2.42	0.00	2.39	0.30	0.36	0.03
85	1.1	0.0	3.90	0.00	1.92	0.46	0.13	0.10
87	1.0	0.0	1.93	0.00	3.28	0.00	0.39	0.00
MEAN	1.0	0.0	4.02	0.00	2.02	0.33	0.24	0.02
SD	0.37	0.00	2.625	0.000	1.044	0.235	0.160	0.037
N	7	7	7	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-M:2500 PPM								
49	2.3	0.0	5.48	0.00	2.08	0.28	0.16	0.00
52	1.3	0.0	1.79	0.00	1.67	0.11	0.19	0.04
54	0.8	0.0	3.60	0.00	2.36	0.22	0.19	0.00
61	0.5	0.0	5.07	0.04	2.34	0.16	0.16	0.04
62	1.5	0.0	2.96	0.00	0.78	0.16	0.10	0.00
66	0.4	0.0	5.41	0.00	2.21	0.12	0.45	0.00
88	0.2	0.0	3.78	0.00	2.29	0.00	0.03	0.00
MEAN	1.0	0.0	4.01	0.01	1.96	0.15	0.18	0.01
SD	0.74	0.00	1.384	0.015	0.573	0.089	0.131	0.020
N	7	7	7	7	7	7	7	7

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: WHITE BLOOD CELLS (10-3)					
MEAN	5.8	6.5	6.0	6.6	6.3
SD	1.71	3.65	1.49	3.06	1.84
N	7	7	7	7	7
Test: RED BLOOD CELLS (10-6)					
MEAN	8.79	8.66	8.35	8.99	8.43
SD	0.420	0.775	0.398	0.377	0.477
N	7	7	7	7	7
Test: HEMOGLOBIN (g/dL)					
MEAN	17.5	17.3	16.8	18.1	17.0
SD	0.75	1.29	1.01	0.81	0.56
N	7	7	7	7	7
Test: HEMATOCRIT (%)					
MEAN	51.6	50.5	48.7	53.8	49.9
SD	3.09	4.05	2.91	2.61	2.41
N	7	7	7	7	7
Test: MEAN CELL VOLUME (UM3)					
MEAN	59	58	58	60	59
SD	2.1	1.0	2.3	1.3	1.9
N	7	7	7	7	7

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: MEAN CELL HEMOGLOBIN (UUG)					
MEAN	20.0	20.0	20.1	20.2	20.2
SD	0.41	0.48	0.77	0.45	0.83
N	7	7	7	7	7
Test: MEAN CELL HEMOGLOBIN CONCENTRA (g/dL)					
MEAN	34.1	34.2	34.4	33.7	34.2
SD	0.70	0.77	0.42	0.33	0.64
N	7	7	7	7	7
Test: PLATELETS (10-3)					
MEAN	702	731	724	698	716
SD	194.6	202.7	67.7	58.6	182.4
N	3	7	5	7	7
Test: RETICULOCYTES (%)					
MEAN	0.8	0.8	0.8	1.0	1.0
SD	0.44	0.33	0.40	0.37	0.74
N	7	7	7	7	7
Test: HEINZ BODIES (%)					
MEAN	0.0	0.0	0.0	0.0	0.0
SD	0.05	0.00	0.05	0.00	0.00
N	7	7	7	7	7
Test: ABSOLUTE SEGMENTED CELL COUNT (CLS X 10-3)					
MEAN	3.75	3.97	3.06	4.02	4.01
SD	1.512	3.415	0.814	2.625	1.384
N	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: ABSOLUTE BAND CELL COUNT (CLS X 10-3)					
MEAN	0.00	0.00	0.00	0.00	0.01
SD	0.000	0.008	0.000	0.000	0.015
N	7	7	7	7	7
Test: ABSOLUTE LYMPHOCYTE COUNT (CLS X 10-3)					
MEAN	1.56	1.76	2.37	2.02	1.96
SD	1.023	0.481	1.412	1.044	0.573
N	7	7	7	7	7
Test: ABSOLUTE MONOCYTE COUNT (CLS X 10-3)					
MEAN	0.26	0.21	0.22	0.33	0.15
SD	0.127	0.081	0.180	0.235	0.089
N	7	7	7	7	7
Test: ABSOLUTE EOSINOPHILE COUNT (CLS X 10-3)					
MEAN	0.25	0.50	0.31	0.24	0.18
SD	0.209	0.512	0.195	0.160	0.131
N	7	7	7	7	7
Test: ABSOLUTE BASOPHILE COUNT (CLS X 10-3)					
MEAN	0.01	0.02	0.02	0.02	0.01
SD	0.015	0.027	0.028	0.037	0.020
N	7	7	7	7	7

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

WHITE BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	40.8	5.8	1.71				TREATMENTS	4	3.13	0.78
2-M	7	45.2	6.5	3.65				ERROR	30	187.37	6.25
3-M	7	41.8	6.0	1.49							
4-M	7	46.4	6.6	3.06				TOTAL	34	190.51	
5-M	7	44.3	6.3	1.84							

F Ratio = 0.13 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 40.032 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

RED BLOOD CELLS

1-M	7	61.53	8.79	0.420				TREATMENTS	4	1.87	0.47
2-M	7	60.61	8.66	0.775				ERROR	30	7.83	0.26
3-M	7	58.48	8.35	0.398							
4-M	7	62.90	8.99	0.377				TOTAL	34	9.71	
5-M	7	59.02	8.43	0.477							

F Ratio = 1.79 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 5.912 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

HEMOGLOBIN

1-M	7	122.8	17.5	0.75				TREATMENTS	4	7.77	1.94
2-M	7	120.9	17.3	1.29				ERROR	30	25.32	0.84
3-M	7	117.4	16.8	1.01							
4-M	7	127.0	18.1	0.81				TOTAL	34	33.09	
5-M	7	119.2	17.0	0.56							

F Ratio = 2.30 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 5.294 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEMATOCRIT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	360.9	51.6	3.09						TREATMENTS	4	105.62	26.41
2-M	7	353.3	50.5	4.05	0.7	47.0	56.0	46.0	57.0	ERROR	30	282.46	9.42
3-M	7	340.9	48.7	2.91	1.7	47.0	56.0	46.0	57.0				
4-M	7	376.8	53.8	2.61	1.4	47.0	56.0	46.0	57.0	TOTAL	34	388.08	
5-M	7	349.1	49.9	2.41	1.0	47.0	56.0	46.0	57.0				

F Ratio = 2.80 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 6.030 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

MEAN CELL VOLUME

1-M	7	411	59	2.1						TREATMENTS	4	12.57	3.14
2-M	7	409	58	0.0						ERROR	30	93.71	3.12
3-M	7	407	58	2.3									
4-M	7	419	60	1.3						TOTAL	34	106.29	
5-M	7	414	59	1.9									

F Ratio = 1.01 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 3.003 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

MEAN CELL HEMOGLOBIN

1-M	7	139.7	20.0	0.41						TREATMENTS	4	0.44	0.11
2-M	7	139.7	20.0	0.48						ERROR	30	11.27	0.38
3-M	7	140.6	20.1	0.77									
4-M	7	141.3	20.2	0.45						TOTAL	34	11.71	
5-M	7	141.6	20.2	0.83									

F Ratio = 0.30 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 3.051 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

MEAN CELL HEMOGLOBIN CONCENTRATION

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	238.4	34.1	0.70				TREATMENTS	4	2.02	0.50
2-M	7	239.6	34.2	0.77				ERROR	30	10.62	0.35
3-M	7	241.0	34.4	0.42							
4-M	7	235.9	33.7	0.33				TOTAL	34	12.64	
5-M	7	239.1	34.2	0.64							

F Ratio = 1.43 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 1.744 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

PLATELETS

1-M	3	2107	702	194.6				TREATMENTS	4	4578	1145
2-M	7	5114	731	202.7				ERROR	24	560828	23368
3-M	5	3618	724	67.7							
4-M	7	4886	698	58.6				TOTAL	28	565406	
5-M	7	5012	716	182.4							

F Ratio = 0.05 'F' table values F.01 = 4.22 F.05 = 2.78
Coeff. Var. % = 21.378 Dunnett's 'T' table values P.01 = 3.32 P.05 = 2.61

RETICULOCYTES

1-M	7	5.5	0.8	0.44				TREATMENTS	4	0.47	0.12
2-M	7	5.3	0.8	0.33				ERROR	30	6.91	0.23
3-M	7	5.4	0.8	0.40							
4-M	7	7.1	1.0	0.37				TOTAL	34	7.38	
5-M	7	7.0	1.0	0.74							

F Ratio = 0.51 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 55.432 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEINZ BODIES

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	0.2	0.0	0.05				TREATMENTS	4	0.0069	0.0017
2-M	7	0.0	0.0	0.00				ERROR	30	0.0286	0.0010
3-M	7	0.2	0.0	0.05							
4-M	7	0.0	0.0	0.00				TOTAL	34	0.0354	
5-M	7	0.0	0.0	0.00							

F Ratio = 1.80 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 270.031 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE SEGMENTED CELL COUNT

1-M	7	26.22	3.75	1.512				TREATMENTS	4	4.68	1.17
2-M	7	27.76	3.97	3.415				ERROR	30	140.52	4.68
3-M	7	21.40	3.06	0.814							
4-M	7	28.15	4.02	2.625				TOTAL	34	145.20	
5-M	7	28.09	4.01	1.384							

F Ratio = 0.25 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 57.551 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE BAND CELL COUNT

1-M	7	0.00	0.00	0.000				TREATMENTS	4	0.00018	0.00005
2-M	7	0.02	0.00	0.008				ERROR	30	0.00171	0.00006
3-M	7	0.00	0.00	0.000							
4-M	7	0.00	0.00	0.000				TOTAL	34	0.00190	
5-M	7	0.04	0.01	0.015							

F Ratio = 0.80 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 440.959 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE LYMPHOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	10.89	1.56	1.023				TREATMENTS	4	2.60	0.65
2-M	7	12.32	1.76	0.481				ERROR	30	28.14	0.94
3-M	7	16.59	2.37	1.412							
4-M	7	14.15	2.02	1.044				TOTAL	34	30.75	
5-M	7	13.73	1.96	0.573							

F Ratio = 0.69 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 50.088 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE MONOCYTE COUNT

1-M	7	1.84	0.26	0.127				TREATMENTS	4	0.126	0.032
2-M	7	1.44	0.21	0.081				ERROR	30	0.708	0.024
3-M	7	1.55	0.22	0.180							
4-M	7	2.31	0.33	0.235				TOTAL	34	0.834	
5-M	7	1.05	0.15	0.089							

F Ratio = 1.34 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 65.642 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

ABSOLUTE EOSINOPHILE COUNT

1-M	7	1.76	0.25	0.209				TREATMENTS	4	0.42	0.11
2-M	7	3.50	0.50	0.512				ERROR	30	2.32	0.08
3-M	7	2.16	0.31	0.195							
4-M	7	1.66	0.24	0.160				TOTAL	34	2.74	
5-M	7	1.28	0.18	0.131							

F Ratio = 1.36 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 93.869 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 MALE NECROPSY)
PERIOD: MARCH, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE BASOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	0.08	0.01	0.015				TREATMENTS	4	0.0007	0.0002
2-M	7	0.15	0.02	0.027				ERROR	30	0.0209	0.0007
3-M	7	0.11	0.02	0.028							
4-M	7	0.15	0.02	0.037				TOTAL	34	0.0216	
5-M	7	0.08	0.01	0.020							

F Ratio = 0.25 'F' table values F.01 = 4.02 F.05 = 2.69
Coeff. Var. % = 162.127 Dunnett's 'T' table values P.01 = 3.25 P.05 = 2.58

Error-within groups
Source-Source of Variation

Treatments-between groups

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-F:CONTROL								
15	5.1	8.01	16.5	49.9	62	20.6	33.1	623
16	5.5	7.67	15.6	46.0	60	20.3	33.9	856
21	7.7	8.07	15.7	46.3	57	19.5	33.9	858
29	6.3	7.41	14.3	40.9	55	19.3	35.0	917
32	3.2	9.69	18.5	56.3	58	19.1	32.9	--
36	7.7	7.46	15.0	43.7	59	20.1	34.3	1057
71	5.8	8.04	16.2	48.1	60	20.1	33.7	664
72	4.3	7.65	15.4	45.5	59	20.1	33.8	--
76	8.0	7.68	16.0	46.0	60	20.8	34.8	--
78	5.0	7.83	15.7	45.8	58	20.1	34.3	--
79	5.5	7.23	14.2	40.1	55	19.6	35.4	916
80	3.9	7.42	14.8	42.3	57	19.9	35.0	1432
106	7.0	7.70	15.6	44.3	58	20.3	35.2	881
111	4.2	7.21	15.5	45.3	63	21.5	34.2	764
114	7.3	7.57	15.2	44.0	58	20.1	34.5	510
124	3.1	8.55	15.6	47.7	56	18.2	32.7	--
127	3.9	7.06	14.2	41.7	59	20.1	34.1	904
130	6.0	7.35	15.2	44.4	60	20.7	34.2	653
132	3.8	8.97	17.2	52.8	59	19.2	32.6	--
143	5.4	7.70	15.4	45.3	59	20.0	34.0	--
147	5.3	7.62	14.6	44.5	58	19.2	32.8	--
149	4.7	8.47	16.9	50.0	59	20.0	33.8	--
156	9.4	7.90	16.2	48.1	61	20.5	33.7	743
162	5.4	7.40	14.9	43.6	59	20.1	34.2	854
166	7.1	7.11	14.0	41.5	58	19.7	33.7	743
170	5.8	7.92	14.4	43.7	55	18.2	33.0	933
171	5.1	7.75	15.9	46.0	59	20.5	34.6	--
179	5.7	7.68	14.6	43.3	56	19.0	33.7	934
188	2.6	7.97	15.5	46.9	59	19.4	33.0	826
189	6.6	8.64	16.9	50.6	59	19.6	33.4	972
194	9.0	7.58	13.3	39.1	52	17.5	34.0	775
196	6.1	7.00	14.2	40.9	58	20.3	34.7	742
210	6.7	6.74	13.9	39.3	58	20.6	35.4	--
212	7.0	8.11	16.1	47.9	59	19.9	33.6	1059
219	3.3	8.51	16.0	47.6	56	18.8	33.6	793
MEAN	5.7	7.79	15.4	45.4	58	19.8	34.0	850
SD	1.66	0.593	1.07	3.76	2.1	0.81	0.76	181.6
N	35	35	35	35	35	35	35	24

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 2-F:CONTROL								
8	6.9	7.44	15.1	43.5	58	20.3	34.7	947
12	3.9	7.52	15.2	44.0	59	20.2	34.5	--
18	2.8	8.34	16.6	48.7	58	19.9	34.1	1034
19	6.2	7.89	15.2	43.9	56	19.3	34.6	614
23	4.9	8.78	15.8	48.1	55	18.0	32.8	689
30	5.3	8.02	15.4	46.4	58	19.2	33.2	776
34	9.1	7.24	13.7	39.8	55	18.9	34.4	979
37	5.8	7.61	15.4	44.7	59	20.2	34.5	--
40	6.3	7.24	15.0	43.0	59	20.7	34.9	706
42	4.6	8.46	16.4	48.5	57	19.4	33.8	945
44	3.7	8.22	16.3	47.8	58	19.8	34.1	830
69	3.4	7.48	15.7	45.6	61	21.0	34.4	705
81	7.2	7.26	14.7	43.0	59	20.2	34.2	1115
101	6.3	7.10	14.1	40.9	58	19.9	34.5	1103
112	6.0	7.98	15.8	47.1	59	19.8	33.5	867
113	3.8	8.30	15.8	46.3	56	19.0	34.1	489
121	10.2	7.79	15.3	44.1	57	19.6	34.7	881
125	2.7	7.73	15.2	45.1	58	19.7	33.7	--
131	6.7	8.01	15.4	45.3	57	19.2	34.0	931
135	6.9	6.75	14.8	42.3	63	21.9	35.0	919
137	2.7	8.36	16.6	51.7	62	19.9	32.1	557
138	4.4	6.99	14.2	41.6	60	20.3	34.1	608
139	3.1	8.45	16.4	48.3	57	19.4	34.0	722
142	4.3	8.63	16.0	47.8	55	18.5	33.5	583
150	3.4	8.34	15.8	47.1	56	18.9	33.5	--
154	3.3	8.09	16.0	47.0	58	19.8	34.0	979
155	4.8	7.84	16.3	47.8	61	20.8	34.1	--
165	4.8	7.40	15.0	44.8	61	20.3	33.5	843
167	6.1	8.66	17.2	50.4	58	19.9	34.1	--
172	4.9	8.09	15.7	45.6	56	19.4	34.4	944
182	5.3	7.60	14.9	43.3	57	19.6	34.4	886
206	5.0	7.93	16.3	47.6	60	20.6	34.2	--
208	4.7	8.31	16.7	49.5	60	20.1	33.7	1052
220	--	--	--	--	--	--	--	--
45	3.7	7.53	15.2	45.2	60	20.2	33.6	788
MEAN	5.1	7.86	15.6	45.8	58	19.8	34.0	833
SD	1.75	0.516	0.79	2.74	2.0	0.75	0.60	172.2
N	34	34	34	34	34	34	34	27

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-F:150 PPM								
1	4.1	8.72	17.0	49.0	56	19.5	34.7	782
5	3.0	7.59	15.3	44.9	59	20.2	34.1	--
6	4.4	7.84	15.7	45.6	58	20.0	34.4	917
10	6.2	8.36	15.8	47.0	56	18.9	33.6	595
11	6.4	7.60	15.4	45.4	60	20.3	33.9	681
26	4.8	7.52	14.7	42.9	57	19.5	34.3	852
27	--	--	--	--	--	--	--	--
46	4.7	8.35	15.9	47.4	57	19.0	33.5	662
47	4.5	7.66	15.3	44.7	58	20.0	34.2	922
100	7.2	8.91	16.8	50.0	56	18.9	33.6	599
103	--	--	--	--	--	--	--	--
120	5.6	7.98	15.3	44.0	55	19.2	34.8	765
122	5.0	7.46	13.9	41.1	55	18.6	33.8	858
123	2.5	8.03	15.4	45.3	56	19.2	34.0	613
126	3.8	8.79	16.3	48.8	56	18.5	33.4	--
128	5.4	7.14	14.0	39.9	56	19.6	35.1	--
129	8.0	8.94	15.4	48.5	54	17.2	31.8	--
140	4.5	8.37	16.0	47.9	57	19.1	33.4	655
148	4.4	7.28	14.8	43.1	59	20.3	34.3	696
152	5.1	8.38	16.8	49.4	59	20.0	34.0	1150
153	4.6	7.65	14.7	43.0	56	19.2	34.2	726
157	6.4	7.47	15.4	45.8	61	20.6	33.6	711
159	5.9	7.84	15.6	46.8	60	19.9	33.3	659
175	3.1	7.67	14.5	42.8	56	18.9	33.9	560
176	5.1	8.11	14.8	44.1	54	18.2	33.6	--
177	5.2	7.61	15.5	45.2	59	20.4	34.3	689
178	5.3	8.09	16.4	47.6	59	20.3	34.5	792
191	7.9	8.98	17.8	54.2	60	19.8	32.8	565
195	6.1	9.33	17.7	51.4	55	19.0	34.4	591
198	5.5	7.99	16.5	48.7	61	20.7	33.9	--
203	4.7	6.90	13.8	41.1	60	20.0	33.6	603
207	3.1	7.84	15.3	45.3	58	19.5	33.8	--
215	4.4	7.76	15.0	45.8	59	19.3	32.8	--
216	--	--	--	--	--	--	--	--
217	3.8	7.87	15.4	44.7	57	19.6	34.5	988
MEAN	5.0	8.00	15.6	46.0	57	19.5	33.9	735
SD	1.32	0.579	0.98	3.12	2.0	0.76	0.65	149.6
N	32	32	32	32	32	32	32	24

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 4-F:450 PPM								
2	3.8	8.79	16.3	48.8	56	18.5	33.4	--
3	4.5	6.72	13.2	38.7	58	19.6	34.1	621
7	3.4	7.44	14.6	43.5	58	19.6	33.6	559
13	3.9	7.84	15.4	44.8	57	19.6	34.4	862
17	3.5	7.21	15.1	43.1	60	20.9	35.0	991
20	2.4	8.29	15.9	47.3	57	19.2	33.6	864
24	5.3	8.02	15.1	44.8	56	18.8	33.7	--
25	4.0	7.34	14.5	41.1	56	19.8	35.3	1181
28	5.7	7.43	14.8	44.6	60	19.9	33.2	950
31	6.9	8.35	16.1	48.4	58	19.3	33.3	--
33	4.7	7.34	14.7	42.8	58	20.0	34.3	614
38	4.0	7.65	15.2	45.5	59	19.9	33.4	--
73	4.1	7.49	14.6	43.2	58	19.5	33.8	1045
75	3.8	9.36	17.1	53.2	57	18.3	32.1	--
77	4.3	7.69	15.7	45.4	59	20.4	34.6	659
102	5.1	7.28	15.0	43.5	60	20.6	34.5	810
105	3.8	9.52	17.9	52.8	55	18.8	33.9	564
110	4.1	7.27	14.7	43.3	60	20.2	33.9	783
118	7.3	8.37	15.4	45.9	55	18.4	33.6	904
119	4.8	7.24	14.5	42.5	59	20.0	34.1	665
133	4.5	7.46	15.4	44.5	60	20.6	34.6	885
136	--	--	--	--	--	--	--	--
141	5.8	8.24	15.9	47.6	58	19.3	33.4	986
145	4.6	7.15	12.6	36.5	51	17.6	34.5	871
151	5.2	7.34	14.6	43.2	59	19.9	33.8	783
161	3.6	7.79	15.1	43.8	56	19.4	34.5	--
169	5.1	7.57	15.5	46.1	61	20.5	33.6	908
190	4.5	7.08	14.3	41.4	58	20.2	34.5	899
200	4.5	7.64	15.2	44.2	58	19.9	34.4	861
202	--	--	--	--	--	--	--	--
205	6.2	7.25	14.9	44.3	61	20.6	33.6	837
211	8.6	8.18	16.4	48.2	59	20.0	34.0	707
214	4.7	8.93	17.4	52.1	58	19.5	33.4	844
218	5.3	7.97	15.3	46.6	58	19.2	32.8	836
109	7.6	8.23	16.1	47.8	58	19.6	33.7	815
MEAN	4.8	7.80	15.3	45.1	58	19.6	33.9	826
SD	1.31	0.661	1.06	3.58	2.0	0.75	0.64	148.0
N	33	33	33	33	33	33	33	27

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-F:2500 PPM								
9	4.3	7.27	14.2	42.0	58	19.5	33.8	940
22	3.3	7.71	15.8	45.9	60	20.5	34.4	895
35	4.9	7.17	15.1	43.9	61	21.1	34.4	1033
43	3.8	7.18	14.5	42.4	59	20.2	34.2	871
48	5.1	8.84	15.6	46.2	52	17.6	33.8	656
104	5.1	6.88	13.8	40.3	59	20.1	34.2	717
107	4.6	6.94	15.0	44.0	63	21.6	34.1	830
115	4.4	7.30	13.9	41.4	57	19.0	33.6	966
116	7.5	6.89	14.6	42.2	61	21.2	34.6	1128
117	6.1	6.52	13.5	40.3	62	20.7	33.5	995
134	2.6	7.67	14.9	43.0	56	19.4	34.7	793
144	3.6	6.97	14.5	41.1	59	20.8	35.3	879
146	4.3	8.21	16.1	47.8	58	19.6	33.7	705
158	1.3	7.71	16.1	47.5	62	20.9	33.9	626
160	3.5	6.95	14.4	42.2	61	20.7	34.1	953
164	3.9	7.48	14.9	45.1	60	19.9	33.0	577
168	7.1	8.08	15.9	48.4	60	19.7	32.9	425
173	5.6	7.11	14.3	41.7	59	20.1	34.3	623
174	5.6	8.05	16.2	48.3	60	20.1	33.5	815
4	4.5	7.65	15.5	46.2	60	20.3	33.5	869
14	4.4	7.52	14.1	44.7	59	18.8	31.5	781
39	4.0	7.85	15.2	45.5	58	19.4	33.4	901
68	5.0	6.82	14.3	41.7	61	21.0	34.3	1068
74	5.2	7.47	15.5	45.5	61	20.7	34.1	853
82	5.8	6.00	13.1	37.0	62	21.8	35.4	1041
181	3.5	8.22	16.2	48.0	58	19.7	33.8	675
183	6.6	7.22	14.5	42.9	59	20.1	33.8	697
185	10.9	7.45	15.2	45.0	60	20.4	33.8	683
192	5.7	7.99	15.3	46.0	58	19.1	33.3	636
193	4.2	6.47	13.1	38.6	60	20.2	33.9	813
197	4.7	7.46	15.3	45.5	61	20.5	33.6	795
199	6.0	7.00	14.6	42.5	61	20.9	34.4	--
201	--	--	--	--	--	--	--	--
204	5.8	7.83	15.6	46.5	59	19.9	33.5	585
209	2.4	7.13	15.3	44.3	62	21.5	34.5	535
MEAN	4.9	7.38	14.9	43.9	60	20.2	33.9	799
SD	1.69	0.575	0.85	2.82	2.1	0.87	0.70	168.8
N	34	34	34	34	34	34	34	33

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-F:CONTROL								
15	5.3	0.0	1.27	0.00	3.16	0.20	0.43	0.03
16	0.9	0.0	2.23	0.03	2.75	0.11	0.36	0.03
21	0.0	0.0	5.16	0.00	2.00	0.35	0.15	0.04
29	1.7	0.0	4.00	0.00	2.02	0.19	0.06	0.03
32	0.8	0.0	1.47	0.00	1.25	0.18	0.30	0.00
36	1.6	0.0	2.93	0.00	4.00	0.27	0.50	0.00
71	4.2	0.0	2.20	0.00	2.87	0.41	0.29	0.03
72	1.0	0.0	2.13	0.00	1.70	0.24	0.24	0.00
76	0.3	0.0	4.48	0.00	2.64	0.80	0.08	0.00
78	2.2	0.0	2.05	0.00	2.42	0.23	0.28	0.03
79	0.4	0.0	2.58	0.00	2.31	0.17	0.44	0.00
80	5.0	0.0	2.07	0.00	1.29	0.20	0.35	0.00
106	0.8	0.0	3.43	0.07	2.66	0.35	0.49	0.00
111	2.3	0.0	1.72	0.00	2.06	0.25	0.17	0.00
114	0.1	0.0	4.60	0.00	1.64	0.47	0.51	0.07
124	0.8	0.2	1.88	0.00	0.98	0.11	0.12	0.02
127	1.6	0.0	1.37	0.04	2.30	0.14	0.06	0.00
130	1.4	0.0	3.36	0.00	2.22	0.27	0.15	0.00
132	2.7	0.0	1.35	0.00	2.07	0.19	0.17	0.02
143	1.8	0.0	2.05	0.00	2.94	0.16	0.24	0.00
147	1.1	0.0	2.12	0.00	2.49	0.27	0.42	0.00
149	2.9	0.0	1.68	0.00	2.59	0.22	0.29	0.02
156	0.0	0.0	5.64	0.00	2.91	0.56	0.23	0.05
162	2.0	0.0	2.30	0.00	2.78	0.14	0.19	0.00
166	0.8	0.0	3.16	0.04	3.27	0.11	0.53	0.00
170	3.7	0.0	2.81	0.00	2.06	0.20	0.73	0.00
171	1.7	0.0	1.50	0.00	3.26	0.08	0.23	0.03
179	2.4	0.0	3.05	0.00	2.28	0.06	0.31	0.00
188	2.8	0.0	1.00	0.00	1.42	0.05	0.13	0.00
189	1.0	0.0	2.24	0.00	4.19	0.07	0.10	0.00
194	1.3	0.0	5.94	0.00	2.38	0.32	0.27	0.09
196	2.1	0.0	3.45	0.00	2.23	0.15	0.24	0.03
210	1.5	0.1	2.65	0.00	2.55	0.40	1.11	0.00
212	3.2	0.0	2.87	0.00	3.19	0.28	0.67	0.00
219	0.9	0.0	1.12	0.00	2.03	0.07	0.08	0.00
MEAN	1.8	0.0	2.68	0.01	2.43	0.24	0.31	0.01
SD	1.32	0.04	1.272	0.015	0.710	0.155	0.219	0.022
N	35	35	35	35	35	35	35	35

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 2-F:CONTROL								
8	1.9	0.0	3.59	0.00	2.90	0.10	0.28	0.03
12	1.8	0.0	1.87	0.00	1.74	0.20	0.10	0.00
18	0.8	0.0	1.37	0.00	1.29	0.06	0.08	0.00
19	1.5	0.1	2.36	0.00	3.25	0.34	0.25	0.00
23	0.5	0.0	2.52	0.00	1.52	0.47	0.34	0.05
30	1.8	0.0	2.54	0.00	2.36	0.32	0.08	0.00
34	1.7	0.0	4.87	0.00	3.50	0.27	0.46	0.00
37	1.4	0.0	3.48	0.00	1.94	0.15	0.17	0.06
40	3.1	0.0	1.32	0.00	4.47	0.28	0.16	0.06
42	2.0	0.1	0.87	0.00	3.13	0.21	0.37	0.02
44	1.3	0.0	1.48	0.00	1.83	0.07	0.30	0.02
69	1.5	0.2	1.11	0.00	2.01	0.15	0.12	0.02
81	2.5	0.0	3.74	0.00	2.74	0.36	0.36	0.00
101	1.3	0.0	4.10	0.00	1.54	0.32	0.32	0.03
112	0.8	0.0	1.38	0.00	3.93	0.33	0.33	0.03
113	2.3	0.0	1.33	0.00	2.03	0.17	0.25	0.02
121	0.0	0.0	7.45	0.00	2.40	0.31	0.00	0.05
125	0.8	0.0	1.16	0.00	1.35	0.08	0.09	0.01
131	1.2	0.0	2.98	0.00	2.28	0.10	1.27	0.07
135	3.6	0.0	2.45	0.00	3.76	0.41	0.28	0.00
137	3.2	0.0	1.26	0.00	1.10	0.21	0.13	0.00
138	1.3	0.0	2.00	0.00	2.20	0.04	0.15	0.00
139	2.1	0.0	1.35	0.00	1.49	0.12	0.12	0.02
142	1.2	0.0	1.61	0.02	2.24	0.11	0.32	0.00
150	0.2	0.0	2.04	0.00	1.17	0.05	0.14	0.00
154	3.1	0.0	1.22	0.00	1.72	0.16	0.20	0.00
155	1.9	0.0	1.97	0.00	2.42	0.14	0.26	0.00
165	2.8	0.0	2.93	0.00	1.54	0.17	0.17	0.00
167	0.9	0.0	1.19	0.00	3.87	0.15	0.88	0.00
172	1.5	0.0	2.11	0.00	2.35	0.25	0.20	0.00
182	0.9	0.0	2.60	0.00	2.09	0.37	0.16	0.08
206	1.2	0.0	1.70	0.00	2.80	0.17	0.33	0.00
208	2.2	0.0	1.76	0.00	2.47	0.21	0.23	0.02
220	--	--	--	--	--	--	--	--
45	3.2	0.0	1.02	0.00	2.41	0.15	0.11	0.02
MEAN	1.7	0.0	2.26	0.00	2.35	0.21	0.27	0.02
SD	0.90	0.04	1.339	0.003	0.854	0.112	0.235	0.023
N	34	34	34	34	34	34	34	34

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-F:150 PPM								
1	0.4	0.0	2.44	0.00	1.29	0.11	0.26	0.00
5	1.7	0.0	1.44	0.00	1.44	0.06	0.06	0.00
6	3.0	0.0	2.16	0.00	1.80	0.04	0.35	0.04
10	1.6	0.0	2.88	0.00	2.32	0.50	0.46	0.03
11	1.1	0.0	2.40	0.00	3.07	0.45	0.48	0.00
26	1.5	0.0	1.39	0.00	2.98	0.22	0.22	0.00
27	--	--	--	--	--	--	--	--
46	2.0	0.0	2.04	0.00	2.47	0.02	0.16	0.00
47	1.5	0.0	2.48	0.00	1.75	0.04	0.23	0.00
100	1.8	0.0	1.55	0.00	5.11	0.22	0.32	0.00
103	--	--	--	--	--	--	--	--
120	0.7	0.0	2.10	0.00	3.02	0.17	0.28	0.03
122	0.9	0.0	2.60	0.03	2.15	0.07	0.12	0.03
123	1.5	0.0	1.20	0.00	1.00	0.08	0.21	0.02
126	0.4	0.0	1.20	0.00	2.05	0.17	0.38	0.00
128	2.1	0.0	2.19	0.00	2.70	0.19	0.32	0.00
129	1.3	0.0	4.68	0.00	3.00	0.20	0.12	0.00
140	0.8	0.0	2.99	0.02	1.46	0.00	0.02	0.00
148	3.1	0.0	1.21	0.02	2.84	0.13	0.20	0.00
152	1.3	0.0	2.22	0.00	2.45	0.20	0.20	0.03
153	2.3	0.0	2.28	0.00	2.07	0.07	0.16	0.02
157	1.9	0.0	1.60	0.00	4.19	0.42	0.16	0.03
159	1.4	0.3	1.12	0.00	4.25	0.15	0.35	0.03
175	2.0	0.0	0.52	0.00	2.38	0.08	0.08	0.04
176	1.8	0.0	1.56	0.00	3.11	0.20	0.23	0.00
177	3.4	0.1	1.12	0.00	3.41	0.03	0.65	0.00
178	1.9	0.0	1.75	0.00	3.21	0.08	0.27	0.00
191	1.0	0.0	1.82	0.00	5.45	0.04	0.47	0.12
195	0.8	0.0	1.34	0.00	4.39	0.09	0.24	0.03
198	2.3	0.0	2.42	0.00	2.64	0.33	0.11	0.00
203	1.3	0.0	2.40	0.02	2.00	0.26	0.02	0.00
207	3.8	0.0	1.02	0.00	1.83	0.09	0.15	0.00
215	1.3	0.0	1.43	0.00	2.51	0.11	0.35	0.00
216	--	--	--	--	--	--	--	--
217	1.7	0.0	1.61	0.04	2.05	0.04	0.06	0.00
MEAN	1.7	0.0	1.91	0.00	2.70	0.15	0.24	0.01
SD	0.81	0.06	0.783	0.010	1.064	0.127	0.146	0.024
N	32	32	32	32	32	32	32	32

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 4-F:450 PPM								
2	0.7	0.0	1.20	0.00	2.05	0.17	0.38	0.00
3	3.2	0.8	2.23	0.02	1.87	0.11	0.25	0.02
7	2.0	0.1	0.83	0.00	2.30	0.07	0.20	0.00
13	1.1	0.0	2.22	0.00	1.40	0.16	0.10	0.02
17	2.8	0.0	1.23	0.00	1.78	0.09	0.40	0.00
20	0.9	0.0	0.86	0.00	1.34	0.09	0.10	0.00
24	1.0	0.0	2.78	0.00	1.86	0.27	0.40	0.00
25	1.4	0.0	2.44	0.00	1.32	0.10	0.10	0.04
28	1.7	0.0	2.42	0.00	2.56	0.23	0.48	0.00
31	0.2	0.1	4.00	0.00	1.86	0.41	0.59	0.03
33	1.9	0.2	1.72	0.00	2.73	0.19	0.05	0.02
38	1.4	0.0	2.10	0.00	1.52	0.14	0.24	0.00
73	1.1	0.0	1.56	0.00	2.28	0.10	0.16	0.00
75	1.9	0.0	1.12	0.00	2.43	0.00	0.25	0.00
77	0.8	0.0	1.96	0.00	1.96	0.17	0.22	0.00
102	1.2	0.0	1.84	0.00	2.78	0.15	0.31	0.03
105	1.7	0.0	1.05	0.00	2.47	0.12	0.15	0.00
110	1.8	0.0	1.35	0.00	2.23	0.18	0.33	0.00
118	1.5	0.0	2.23	0.00	4.20	0.26	0.51	0.11
119	0.7	0.0	1.58	0.00	2.50	0.29	0.38	0.05
133	2.8	0.1	2.02	0.00	2.14	0.16	0.16	0.02
136	--	--	--	--	--	--	--	--
141	3.2	0.0	3.02	0.00	1.68	0.90	0.17	0.03
145	1.6	0.0	1.84	0.00	2.28	0.23	0.25	0.00
151	2.0	0.0	2.76	0.03	2.00	0.16	0.26	0.00
161	4.5	0.0	1.58	0.00	1.46	0.29	0.27	0.00
169	5.8	0.1	1.91	0.00	2.80	0.08	0.20	0.10
190	1.6	0.1	2.00	0.00	2.12	0.07	0.23	0.09
200	1.6	0.0	1.28	0.00	2.81	0.04	0.34	0.02
202	--	--	--	--	--	--	--	--
205	3.1	0.1	4.59	0.00	1.39	0.15	0.06	0.00
211	2.4	0.0	2.84	0.00	5.29	0.13	0.17	0.17
214	2.2	0.0	2.66	0.00	1.69	0.19	0.16	0.00
218	1.3	0.0	2.52	0.00	2.07	0.16	0.50	0.05
109	0.1	0.0	4.26	0.00	2.32	0.65	0.38	0.00
MEAN	1.9	0.0	2.12	0.00	2.23	0.20	0.27	0.02
SD	1.17	0.14	0.914	0.006	0.796	0.173	0.137	0.040
N	33	33	33	33	33	33	33	33

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-F:2500 PPM								
9	2.7	0.1	2.00	0.00	1.91	0.26	0.13	0.00
22	6.8	0.3	1.53	0.00	1.55	0.20	0.02	0.00
35	5.6	0.7	1.54	0.00	2.70	0.27	0.34	0.05
43	4.8	0.2	1.84	0.00	1.56	0.11	0.27	0.02
48	3.2	0.0	1.68	0.00	3.06	0.25	0.10	0.00
104	4.2	0.4	2.83	0.00	1.91	0.18	0.13	0.05
107	7.2	7.6	1.89	0.00	2.07	0.51	0.11	0.02
115	2.2	3.3	1.89	0.00	2.24	0.11	0.11	0.04
116	7.8	5.3	3.94	0.00	2.66	0.64	0.26	0.00
117	6.3	1.3	2.93	0.00	2.65	0.27	0.21	0.03
134	1.1	3.0	1.00	0.00	1.43	0.10	0.04	0.01
144	1.8	1.2	1.57	0.00	1.53	0.04	0.43	0.04
146	2.4	0.1	1.38	0.00	2.45	0.15	0.30	0.02
158	2.1	1.5	0.49	0.00	0.74	0.04	0.03	0.00
160	2.6	5.8	2.00	0.05	1.29	0.10	0.04	0.02
164	3.9	0.6	1.89	0.00	1.77	0.18	0.06	0.00
168	2.3	4.0	3.62	0.00	2.59	0.25	0.64	0.00
173	3.6	4.9	2.30	0.00	2.88	0.11	0.28	0.03
174	7.1	1.2	2.18	0.00	2.88	0.17	0.34	0.03
4	8.3	7.8	1.91	0.00	1.96	0.34	0.29	0.00
14	6.6	3.6	1.21	0.00	2.77	0.15	0.26	0.00
39	5.6	4.3	1.62	0.00	2.00	0.34	0.04	0.00
68	3.0	11.6	1.93	0.00	2.67	0.28	0.12	0.00
74	6.0	0.6	1.66	0.00	3.04	0.18	0.31	0.00
82	7.1	3.2	2.81	0.00	2.67	0.26	0.06	0.00
181	2.0	0.8	1.66	0.00	1.54	0.12	0.17	0.00
183	2.0	3.8	4.12	0.00	1.55	0.46	0.46	0.00
185	0.0	1.7	5.50	0.05	4.25	0.71	0.33	0.00
192	2.3	1.0	1.45	0.00	3.82	0.14	0.28	0.00
193	6.0	7.9	2.16	0.00	1.53	0.36	0.15	0.00
197	4.8	2.4	2.12	0.03	2.00	0.24	0.30	0.00
199	1.7	0.8	1.77	0.00	4.20	0.03	0.00	0.00
201	--	--	--	--	--	--	--	--
204	4.6	2.6	3.07	0.00	2.26	0.15	0.32	0.00
209	2.2	0.3	0.83	0.00	1.51	0.01	0.05	0.00
MEAN	4.1	2.8	2.13	0.00	2.28	0.23	0.21	0.01
SD	2.22	2.81	1.004	0.013	0.812	0.162	0.149	0.016
N	34	34	34	34	34	34	34	34

(--) - Data Unavailable

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: WHITE BLOOD CELLS (10-3)					
MEAN	5.7	5.1	5.0	4.8	4.9
SD	1.66	1.75	1.32	1.31	1.69
N	35	34	32	33	34
Test: RED BLOOD CELLS (10-6)					
MEAN	7.79	7.86	8.00	7.80	7.38*
SD	0.593	0.516	0.579	0.661	0.575
N	35	34	32	33	34
Test: HEMOGLOBIN (g/dL)					
MEAN	15.4	15.6	15.6	15.3	14.9
SD	1.07	0.79	0.98	1.06	0.85
N	35	34	32	33	34
Test: HEMATOCRIT (%)					
MEAN	45.4	45.8	46.0	45.1	43.9
SD	3.76	2.74	3.12	3.58	2.82
N	35	34	32	33	34
Test: MEAN CELL VOLUME (UM3)					
MEAN	58	58	57	58	60*
SD	2.1	2.0	2.0	2.0	2.1
N	35	34	32	33	34
Test: MEAN CELL HEMOGLOBIN (UUG)					
MEAN	19.8	19.8	19.5	19.6	20.2
SD	0.81	0.75	0.76	0.75	0.87
N	35	34	32	33	34

WBC corrected for NRBC > 0

*-Significant Difference from Control P < .05

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: MEAN CELL HEMOGLOBIN CONCENTRATION (g/dL)					
MEAN	34.0	34.0	33.9	33.9	33.9
SD	0.76	0.60	0.65	0.64	0.70
N	35	34	32	33	34
Test: PLATELETS (10-3)					
MEAN	850	833	735	826	799
SD	181.6	172.2	149.6	148.0	168.8
N	24	27	24	27	33
Test: RETICULOCYTES (%)					
MEAN	1.8	1.7	1.7	1.9	4.1**
SD	1.32	0.90	0.81	1.17	2.22
N	35	34	32	33	34
Test: HEINZ BODIES (%)					
MEAN	0.0	0.0	0.0	0.0	2.8**
SD	0.04	0.04	0.06	0.14	2.81
N	35	34	32	33	34
Test: ABSOLUTE SEGMENTED CELL COUNT (CLS X 10-3)					
MEAN	2.68	2.26	1.91	2.12	2.13
SD	1.272	1.339	0.783	0.914	1.004
N	35	34	32	33	34
Test: ABSOLUTE BAND CELL COUNT (CLS X 10-3)					
MEAN	0.01	0.00	0.00	0.00	0.00
SD	0.015	0.003	0.010	0.006	0.013
N	35	34	32	33	34

**-Significant Difference from Control P < .01

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: ABSOLUTE LYMPHOCYTE COUNT (CLS X 10-3)					
MEAN	2.43	2.35	2.70	2.23	2.28
SD	0.710	0.854	1.064	0.796	0.812
N	35	34	32	33	34
Test: ABSOLUTE MONOCYTE COUNT (CLS X 10-3)					
MEAN	0.24	0.21	0.15	0.20	0.23
SD	0.155	0.112	0.127	0.173	0.162
N	35	34	32	33	34
Test: ABSOLUTE EOSINOPHILE COUNT (CLS X 10-3)					
MEAN	0.31	0.27	0.24	0.27	0.21
SD	0.219	0.235	0.146	0.137	0.149
N	35	34	32	33	34
Test: ABSOLUTE BASOPHILE COUNT (CLS X 10-3)					
MEAN	0.01	0.02	0.01	0.02	0.01
SD	0.022	0.023	0.024	0.040	0.016
N	35	34	32	33	34

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

WHITE BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	198.5	5.7	1.66						TREATMENTS	4	15.85	3.96
2-F	34	173.2	5.1	1.75						ERROR	163	397.06	2.44
3-F	32	160.7	5.0	1.32									
4-F	33	159.6	4.8	1.31						TOTAL	167	412.91	
5-F	34	165.3	4.9	1.69									

F Ratio = 1.63 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 30.585 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

RED BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	272.67	7.79	0.593						TREATMENTS	4	7.15	1.79
2-F	34	267.38	7.86	0.516	0.52	7.00	8.00	7.00	8.00	ERROR	163	56.01	0.34
3-F	32	256.03	8.00	0.579	1.47	7.00	8.00	7.00	8.00				
4-F	33	257.47	7.80	0.661	0.08	7.00	8.00	7.00	8.00	TOTAL	167	63.17	
5-F	34	251.01	7.38	0.575	2.89	7.00	8.00*	7.00	8.00				

F Ratio = 5.20 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 7.549 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

HEMOGLOBIN

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	539.2	15.4	1.07						TREATMENTS	4	10.66	2.67
2-F	34	529.2	15.6	0.79	0.7	15.0	16.0	15.0	16.0	ERROR	163	149.02	0.91
3-F	32	498.2	15.6	0.98	0.7	15.0	16.0	15.0	16.0				
4-F	33	504.5	15.3	1.06	0.5	15.0	16.0	15.0	16.0	TOTAL	167	159.68	
5-F	34	506.1	14.9	0.85	2.3	15.0	16.0	15.0	16.0				

F Ratio = 2.92 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 6.233 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

*-Significant Difference from Control P < .05
Error-within groups

Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEMATOCRIT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	1589.4	45.4	3.76						TREATMENTS	4	86.51	21.63
2-F	34	1555.8	45.8	2.74						ERROR	163	1701.47	10.44
3-F	32	1471.4	46.0	3.12									
4-F	33	1489.5	45.1	3.58						TOTAL	167	1787.99	
5-F	34	1493.6	43.9	2.82									

F Ratio = 2.07 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 7.142 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

MEAN CELL VOLUME

1-F	35	2038	58	2.1						TREATMENTS	4	83.80	20.95
2-F	34	1981	58	2.0	0	57	59	57	60	ERROR	163	683.72	4.19
3-F	32	1839	57	2.0	2	57	59	57	60				
4-F	33	1911	58	2.0	1	57	59	57	60	TOTAL	167	767.52	
5-F	34	2026	60	2.1	3	57	59*	57	60				

F Ratio = 4.99 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 3.513 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

MEAN CELL HEMOGLOBIN

1-F	35	692.9	19.8	0.81						TREATMENTS	4	9.87	2.47
2-F	34	673.9	19.8	0.75	0.1	19.0	20.0	19.0	20.0	ERROR	163	101.89	0.63
3-F	32	623.4	19.5	0.76	1.6	19.0	20.0	19.0	20.0				
4-F	33	647.6	19.6	0.75	0.9	19.0	20.0	19.0	20.0	TOTAL	167	111.76	
5-F	34	687.0	20.2	0.87	2.1	19.0	20.0	19.0	20.0				

F Ratio = 3.95 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 3.995 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

*-Significant Difference from Control P < .05
Error-within groups

Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

MEAN CELL HEMOGLOBIN CONCENTRA

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI			LO -99%- HI		Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	1188.8	34.0	0.76							TREATMENTS	4	0.50	0.12
2-F	34	1156.9	34.0	0.60							ERROR	163	73.83	0.45
3-F	32	1084.1	33.9	0.65										
4-F	33	1118.6	33.9	0.64							TOTAL	167	74.33	
5-F	34	1152.8	33.9	0.70										

F Ratio = 0.27 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 1.983 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

PLATELETS

1-F	24	20409	850	181.6							TREATMENTS	4	200775	50194
2-F	27	22492	833	172.2							ERROR	130	3526128	27124
3-F	24	17631	735	149.6										
4-F	27	22304	826	148.0							TOTAL	134	3726903	
5-F	33	26359	799	168.8										

F Ratio = 1.85 'F' table values F.01 = 3.47 F.05 = 2.44
Coeff. Var. % = 20.361 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

RETICULOCYTES

1-F	35	62.3	1.8	1.32							TREATMENTS	4	152.24	38.06
2-F	34	57.5	1.7	0.90	0.3	1.0	3.0	1.0	3.0		ERROR	163	313.25	1.92
3-F	32	53.6	1.7	0.81	0.3	1.0	3.0	1.0	3.0					
4-F	33	61.2	1.9	1.17	0.2	1.0	3.0	1.0	3.0		TOTAL	167	465.49	
5-F	34	139.9	4.1	2.22	7.0	1.0	3.0*	1.0	3.0**					

F Ratio = 19.80 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 62.188 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

*-Significant Difference from Control P < .05
**-Significant Difference from Control P < .01
Source-Source of Variation
Treatments-between groups
Error-within groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEINZ BODIES

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	0.3	0.0	0.04						TREATMENTS	4	203.87	50.97
2-F	34	0.4	0.0	0.04	0.0	-1.0	1.0	-1.0	1.0	ERROR	163	260.98	1.60
3-F	32	0.4	0.0	0.06	0.0	-1.0	1.0	-1.0	1.0				
4-F	33	1.6	0.0	0.14	0.1	-1.0	1.0	-1.0	1.0	TOTAL	167	464.86	
5-F	34	93.9	2.8	2.81	9.0	-1.0	1.0*	-1.0	1.0**				

F Ratio = 31.83 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 220.061 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE SEGMENTED CELL COUNT

1-F	35	93.86	2.68	1.272						TREATMENTS	4	11.17	2.79
2-F	34	76.73	2.26	1.339						ERROR	163	193.23	1.19
3-F	32	61.16	1.91	0.783									
4-F	33	70.00	2.12	0.914						TOTAL	167	204.39	
5-F	34	72.32	2.13	1.004									

F Ratio = 2.35 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 48.899 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE BAND CELL COUNT

1-F	35	0.18	0.01	0.015						TREATMENTS	4	0.0005	0.0001
2-F	34	0.02	0.00	0.003						ERROR	163	0.0183	0.0001
3-F	32	0.13	0.00	0.010									
4-F	33	0.05	0.00	0.006						TOTAL	167	0.0188	
5-F	34	0.13	0.00	0.013									

F Ratio = 1.09 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 348.670 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

*-Significant Difference from Control P < .05
**-Significant Difference from Control P < .01
Source-Source of Variation
Treatments-between groups
Error-within groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE LYMPHOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	84.91	2.43	0.710				TREATMENTS	4	4.43	1.11
2-F	34	79.84	2.35	0.854				ERROR	163	118.33	0.73
3-F	32	86.39	2.70	1.064							
4-F	33	73.49	2.23	0.796				TOTAL	167	122.77	
5-F	34	77.64	2.28	0.812							

F Ratio = 1.53 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 35.584 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE MONOCYTE COUNT

1-F	35	8.27	0.24	0.155				TREATMENTS	4	0.14	0.04
2-F	34	7.00	0.21	0.112				ERROR	163	3.55	0.02
3-F	32	4.86	0.15	0.127							
4-F	33	6.51	0.20	0.173				TOTAL	167	3.69	
5-F	34	7.71	0.23	0.162							

F Ratio = 1.64 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 72.185 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE EOSINOPHILE COUNT

1-F	35	10.92	0.31	0.219				TREATMENTS	4	0.21	0.05
2-F	34	9.01	0.27	0.235				ERROR	163	5.46	0.03
3-F	32	7.69	0.24	0.146							
4-F	33	8.75	0.27	0.137				TOTAL	167	5.67	
5-F	34	6.98	0.21	0.149							

F Ratio = 1.57 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 70.914 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F0 FEMALE NECROPSY)
PERIOD: JUNE, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE BASOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	0.52	0.01	0.022				TREATMENTS	4	0.004	0.001
2-F	34	0.61	0.02	0.023				ERROR	163	0.113	0.001
3-F	32	0.45	0.01	0.024							
4-F	33	0.80	0.02	0.040				TOTAL	167	0.117	
5-F	34	0.36	0.01	0.016							

F Ratio =	1.27	'F' table values	F.01 =	3.44	F.05 =	2.43
Coeff. Var. % =	161.578	Dunnett's 'T' table values	P.01 =	3.00	P.05 =	2.44

Error-within groups
Source-Source of Variation

Treatments-between groups

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-F:CONTROL								
16F	6.1	5.74	12.6	37.7	66	22.0	33.4	--
21F	5.0	5.94	13.3	38.6	65	22.4	34.5	599
36F	8.7	6.55	14.0	42.6	65	21.4	32.9	993
78F	6.2	6.37	13.7	39.6	62	21.5	34.6	723
171F	7.0	6.47	14.1	40.4	62	21.8	34.9	--
194F	8.1	7.01	14.1	42.9	61	20.1	32.9	761
196F	7.2	6.59	13.7	42.0	64	20.8	32.6	706
210F	10.2	6.23	13.8	41.5	67	22.2	33.3	776
MEAN	7.3	6.36	13.7	40.7	64	21.5	33.6	760
SD	1.65	0.397	0.50	1.91	2.1	0.76	0.89	130.2
N	8	8	8	8	8	8	8	6
GROUP: 2-F:CONTROL								
8F	7.3	6.39	13.7	40.3	63	21.4	34.0	742
34F	10.0	6.37	13.6	40.0	63	21.4	34.0	--
81F	8.6	6.80	14.4	43.9	65	21.2	32.8	901
112F	5.4	6.28	13.4	39.5	63	21.3	33.9	595
125F	13.3	7.09	14.7	44.1	62	20.7	33.3	743
137F	6.0	6.69	14.6	42.2	63	21.8	34.6	875
142F	8.4	7.63	15.6	46.2	61	20.4	33.8	757
154F	7.2	7.65	16.0	47.5	62	20.9	33.7	758
182F	5.8	6.53	14.7	41.8	64	22.5	35.2	982
206F	6.2	6.57	14.2	40.8	62	21.6	34.8	792
135F	8.9	6.15	14.1	41.4	67	22.9	34.1	930
MEAN	7.9	6.74	14.5	42.5	63	21.5	34.0	808
SD	2.31	0.514	0.80	2.61	1.7	0.74	0.67	114.3
N	11	11	11	11	11	11	11	10

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-F:150 PPM								
5F	5.3	6.33	13.6	41.5	66	21.5	32.8	829
10F	8.2	6.90	14.8	43.3	63	21.4	34.2	920
11F	6.6	6.42	14.2	43.1	67	22.1	32.9	804
120F	7.7	7.06	15.1	44.6	63	21.4	33.9	822
122F	6.1	6.16	13.3	39.5	64	21.6	33.7	--
123F	7.6	6.65	14.3	43.4	65	21.5	32.9	--
128F	5.4	6.15	13.7	40.5	66	22.3	33.8	797
129F	8.0	6.40	13.3	39.4	62	20.8	33.8	733
177F	10.9	6.75	14.6	43.4	64	21.6	33.6	875
215F	6.6	6.11	13.7	41.2	67	22.4	33.3	--
MEAN	7.2	6.49	14.1	42.0	65	21.7	33.5	826
SD	1.65	0.332	0.63	1.82	1.8	0.48	0.49	59.5
N	10	10	10	10	10	10	10	7
GROUP: 4-F:450 PPM								
20F	9.9	6.58	14.1	41.5	63	21.4	34.0	755
73F	10.0	6.57	14.7	43.2	66	22.4	34.0	744
102F	7.0	6.52	14.2	41.7	64	21.8	34.1	787
118F	7.1	6.86	14.4	42.9	63	21.0	33.6	850
141F	6.1	7.70	15.2	46.1	60	19.7	33.0	838
151F	4.1	6.61	14.3	41.1	62	21.6	34.8	758
200F	6.0	7.07	15.4	44.9	64	21.8	34.3	867
205F	9.1	6.63	14.4	42.9	65	21.7	33.6	744
110F	8.5	7.04	14.6	46.9	67	20.7	31.1	852
214F	7.1	6.07	13.0	38.5	63	21.4	33.8	872
MEAN	7.5	6.77	14.4	43.0	64	21.4	33.6	807
SD	1.88	0.436	0.65	2.50	2.0	0.74	1.01	53.9
N	10	10	10	10	10	10	10	10

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-F:2500 PPM								
14F	8.3	6.74	14.7	44.0	65	21.8	33.4	804
43F	7.1	7.00	14.8	43.4	62	21.1	34.1	888
82F	6.5	6.14	13.8	39.9	65	22.5	34.6	972
104F	8.4	6.44	13.7	40.6	63	21.3	33.7	848
116F	5.4	6.44	13.6	39.5	61	21.1	34.4	1045
117F	9.8	7.06	15.0	43.6	62	21.2	34.4	906
146F	7.7	6.57	13.8	40.6	62	21.0	34.0	912
160F	10.6	6.29	14.2	41.0	65	22.6	34.6	986
168F	11.4	6.23	13.3	39.9	64	21.3	33.3	689
183F	9.7	6.45	13.6	41.4	64	21.1	32.9	721
204F	7.1	7.08	14.9	45.0	64	21.0	33.1	713
MEAN	8.4	6.59	14.1	41.7	63	21.5	33.9	862
SD	1.84	0.337	0.61	1.92	1.4	0.59	0.62	119.0
N	11	11	11	11	11	11	11	11

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-F:CONTROL								
16F	3.8	0.0	3.05	0.00	2.56	0.18	0.24	0.06
21F	3.7	0.0	1.77	0.05	3.02	0.03	0.12	0.00
36F	4.3	0.0	3.74	0.00	3.31	0.57	1.09	0.00
78F	3.9	0.0	3.13	0.00	2.60	0.09	0.34	0.00
171F	7.6	0.0	1.85	0.00	3.99	0.73	0.42	0.00
194F	3.4	0.0	2.43	0.00	4.94	0.20	0.45	0.08
196F	4.6	0.0	1.80	0.00	5.00	0.07	0.29	0.04
210F	4.6	0.0	4.08	0.00	5.20	0.20	0.71	0.00
MEAN	4.5	0.0	2.73	0.01	3.83	0.26	0.46	0.02
SD	1.33	0.00	0.907	0.018	1.106	0.253	0.309	0.033
N	8	8	8	8	8	8	8	8
GROUP: 2-F:CONTROL								
8F	4.8	0.0	2.59	0.00	4.02	0.51	0.18	0.00
34F	8.6	0.0	4.80	0.05	4.55	0.20	0.35	0.05
81F	3.2	0.0	1.81	0.00	5.93	0.13	0.73	0.00
112F	3.5	0.0	2.19	0.03	2.57	0.14	0.49	0.00
125F	5.3	0.0	6.25	0.00	6.32	0.33	0.27	0.13
137F	4.8	0.0	1.59	0.00	3.66	0.42	0.33	0.00
142F	4.0	0.0	3.36	0.00	4.28	0.25	0.29	0.08
154F	3.4	0.0	3.24	0.04	3.20	0.25	0.43	0.04
182F	3.7	0.0	2.52	0.06	2.32	0.52	0.35	0.03
206F	6.6	0.0	2.70	0.00	2.76	0.28	0.40	0.06
135F	7.2	0.0	3.20	0.00	4.54	0.44	0.71	0.00
MEAN	5.0	0.0	3.11	0.02	4.01	0.32	0.41	0.04
SD	1.77	0.00	1.358	0.024	1.301	0.140	0.173	0.043
N	11	11	11	11	11	11	11	11

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-F:150 PPM								
5F	2.7	0.0	1.80	0.00	3.10	0.27	0.13	0.00
10F	2.1	0.3	3.85	0.00	3.40	0.33	0.57	0.04
11F	3.3	0.0	2.97	0.03	2.94	0.20	0.43	0.03
120F	4.4	0.0	2.19	0.00	4.54	0.19	0.77	0.00
122F	3.2	0.0	2.71	0.00	2.38	0.46	0.55	0.00
123F	3.8	0.0	4.14	0.04	2.09	0.27	1.06	0.00
128F	2.1	0.1	2.62	0.00	2.46	0.11	0.22	0.00
129F	4.9	0.0	3.28	0.00	4.08	0.24	0.40	0.00
177F	3.7	0.0	3.87	0.00	6.49	0.16	0.38	0.00
215F	3.3	0.0	4.36	0.00	1.72	0.30	0.23	0.00
MEAN	3.4	0.0	3.18	0.01	3.32	0.25	0.47	0.01
SD	0.91	0.10	0.864	0.015	1.415	0.099	0.280	0.015
N	10	10	10	10	10	10	10	10
GROUP: 4-F:450 PPM								
20F	7.0	0.0	3.02	0.00	6.24	0.25	0.40	0.00
73F	6.2	0.0	2.15	0.00	6.45	0.85	0.50	0.05
102F	5.7	0.0	2.35	0.00	4.24	0.14	0.24	0.00
118F	3.9	0.0	2.66	0.00	3.90	0.11	0.43	0.00
141F	7.2	0.0	2.47	0.00	3.17	0.09	0.34	0.03
151F	4.6	0.0	1.25	0.00	2.42	0.12	0.31	0.00
200F	4.2	0.0	1.71	0.00	3.54	0.27	0.48	0.00
205F	3.3	0.0	2.78	0.00	5.28	0.59	0.46	0.00
110F	6.7	0.0	4.25	0.00	3.02	0.59	0.64	0.00
214F	5.4	0.0	2.56	0.00	3.66	0.53	0.35	0.00
MEAN	5.4	0.0	2.52	0.00	4.19	0.35	0.42	0.01
SD	1.37	0.00	0.801	0.000	1.367	0.266	0.114	0.018
N	10	10	10	10	10	10	10	10

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-F:2500 PPM								
14F	7.1	0.0	2.66	0.00	4.86	0.58	0.21	0.00
43F	3.3	0.0	2.06	0.00	4.22	0.07	0.71	0.00
82F	7.9	0.1	2.27	0.00	3.48	0.52	0.16	0.07
104F	3.0	0.0	3.70	0.08	3.61	0.59	0.29	0.04
116F	3.7	0.1	1.92	0.00	3.00	0.11	0.32	0.05
117F	3.0	0.0	4.31	0.00	4.26	0.78	0.44	0.00
146F	4.8	0.0	1.96	0.00	5.20	0.31	0.23	0.00
160F	9.1	0.0	3.92	0.00	5.30	1.06	0.27	0.05
168F	3.0	0.0	3.08	0.00	6.84	0.40	1.08	0.00
183F	3.6	0.3	3.35	0.19	5.24	0.24	0.63	0.05
204F	5.8	0.0	2.98	0.00	2.20	0.64	1.28	0.00
MEAN	4.9	0.0	2.93	0.02	4.38	0.48	0.51	0.02
SD	2.21	0.09	0.831	0.060	1.290	0.296	0.376	0.028
N	11	11	11	11	11	11	11	11

(END OF REPORT)

TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: WHITE BLOOD CELLS (10-3)					
MEAN	7.3	7.9	7.2	7.5	8.4
SD	1.65	2.31	1.65	1.88	1.84
N	8	11	10	10	11
Test: RED BLOOD CELLS (10-6)					
MEAN	6.36	6.74	6.49	6.77	6.59
SD	0.397	0.514	0.332	0.436	0.337
N	8	11	10	10	11
Test: HEMOGLOBIN (g/dL)					
MEAN	13.7	14.5	14.1	14.4	14.1
SD	0.50	0.80	0.63	0.65	0.61
N	8	11	10	10	11
Test: HEMATOCRIT (%)					
MEAN	40.7	42.5	42.0	43.0	41.7
SD	1.91	2.61	1.82	2.50	1.92
N	8	11	10	10	11
Test: MEAN CELL VOLUME (UM3)					
MEAN	64	63	65	64	63
SD	2.1	1.7	1.8	2.0	1.4
N	8	11	10	10	11
Test: MEAN CELL HEMOGLOBIN (UUG)					
MEAN	21.5	21.5	21.7	21.4	21.5
SD	0.76	0.74	0.48	0.74	0.59
N	8	11	10	10	11

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: MEAN CELL HEMOGLOBIN CONCENTRATION (g/dL)					
MEAN	33.6	34.0	33.5	33.6	33.9
SD	0.89	0.67	0.49	1.01	0.62
N	8	11	10	10	11
Test: PLATELETS (10-3)					
MEAN	760	808	826	807	862
SD	130.2	114.3	59.5	53.9	119.0
N	6	10	7	10	11
Test: RETICULOCYTES (%)					
MEAN	4.5	5.0	3.4	5.4	4.9
SD	1.33	1.77	0.91	1.37	2.21
N	8	11	10	10	11
Test: HEINZ BODIES (%)					
MEAN	0.0	0.0	0.0	0.0	0.0
SD	0.00	0.00	0.10	0.00	0.09
N	8	11	10	10	11
Test: ABSOLUTE SEGMENTED CELL COUNT (CLS X 10-3)					
MEAN	2.73	3.11	3.18	2.52	2.93
SD	0.907	1.358	0.864	0.801	0.831
N	8	11	10	10	11
Test: ABSOLUTE BAND CELL COUNT (CLS X 10-3)					
MEAN	0.01	0.02	0.01	0.00	0.02
SD	0.018	0.024	0.015	0.000	0.060
N	8	11	10	10	11
Test: ABSOLUTE LYMPHOCYTE COUNT (CLS X 10-3)					
MEAN	3.83	4.01	3.32	4.19	4.38
SD	1.106	1.301	1.415	1.367	1.290
N	8	11	10	10	11

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F	2-F	3-F	4-F	5-F
Test: ABSOLUTE MONOCYTE COUNT (CLS X 10-3)					
MEAN	0.26	0.32	0.25	0.35	0.48
SD	0.253	0.140	0.099	0.266	0.296
N	8	11	10	10	11
Test: ABSOLUTE EOSINOPHILE COUNT (CLS X 10-3)					
MEAN	0.46	0.41	0.47	0.42	0.51
SD	0.309	0.173	0.280	0.114	0.376
N	8	11	10	10	11
Test: ABSOLUTE BASOPHILE COUNT (CLS X 10-3)					
MEAN	0.02	0.04	0.01	0.01	0.02
SD	0.033	0.043	0.015	0.018	0.028
N	8	11	10	10	11

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

WHITE BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	8	58.5	7.3	1.65				TREATMENTS	4	9.13	2.28
2-F	11	87.1	7.9	2.31				ERROR	45	162.74	3.62
3-F	10	72.4	7.2	1.65							
4-F	10	74.9	7.5	1.88				TOTAL	49	171.87	
5-F	11	92.0	8.4	1.84							

F Ratio = 0.63 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 24.704 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

RED BLOOD CELLS

1-F	8	50.90	6.36	0.397				TREATMENTS	4	1.06	0.26
2-F	11	74.15	6.74	0.514				ERROR	45	7.58	0.17
3-F	10	64.93	6.49	0.332							
4-F	10	67.65	6.77	0.436				TOTAL	49	8.64	
5-F	11	72.44	6.59	0.337							

F Ratio = 1.57 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 6.219 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

HEMOGLOBIN

1-F	8	109.3	13.7	0.50				TREATMENTS	4	3.77	0.94
2-F	11	159.0	14.5	0.80				ERROR	45	19.49	0.43
3-F	10	140.6	14.1	0.63							
4-F	10	144.3	14.4	0.65				TOTAL	49	23.26	
5-F	11	155.4	14.1	0.61							

F Ratio = 2.17 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 4.644 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
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SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEMATOCRIT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	8	325.3	40.7	1.91				TREATMENTS	4	27.50	6.88
2-F	11	467.7	42.5	2.61				ERROR	45	216.46	4.81
3-F	10	419.9	42.0	1.82							
4-F	10	429.7	43.0	2.50				TOTAL	49	243.96	
5-F	11	458.9	41.7	1.92							

F Ratio = 1.43 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 5.218 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

MEAN CELL VOLUME

1-F	8	512	64	2.1				TREATMENTS	4	14.74	3.68
2-F	11	695	63	1.7				ERROR	45	144.38	3.21
3-F	10	647	65	1.8							
4-F	10	637	64	2.0				TOTAL	49	159.12	
5-F	11	697	63	1.4							

F Ratio = 1.15 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 2.809 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

MEAN CELL HEMOGLOBIN

1-F	8	172.2	21.5	0.76				TREATMENTS	4	0.52	0.13
2-F	11	236.1	21.5	0.74				ERROR	45	19.98	0.44
3-F	10	216.6	21.7	0.48							
4-F	10	213.5	21.4	0.74				TOTAL	49	20.49	
5-F	11	236.0	21.5	0.59							

F Ratio = 0.29 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 3.101 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

MEAN CELL HEMOGLOBIN CONCENTRATION

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	8	269.1	33.6	0.89				TREATMENTS	4	1.85	0.46
2-F	11	374.2	34.0	0.67				ERROR	45	25.19	0.56
3-F	10	334.9	33.5	0.49							
4-F	10	336.3	33.6	1.01				TOTAL	49	27.04	
5-F	11	372.5	33.9	0.62							

F Ratio = 0.83 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 2.218 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

PLATELETS

1-F	6	4558	760	130.2				TREATMENTS	4	44667	11167
2-F	10	8075	808	114.3				ERROR	39	391339	10034
3-F	7	5780	826	59.5							
4-F	10	8067	807	53.9				TOTAL	43	436006	
5-F	11	9484	862	119.0							

F Ratio = 1.11 'F' table values F.01 = 3.86 F.05 = 2.62
Coeff. Var. % = 12.255 Dunnett's 'T' table values P.01 = 3.19 P.05 = 2.54

RETICULOCYTES

1-F	8	35.9	4.5	1.33				TREATMENTS	4	25.36	6.34
2-F	11	55.1	5.0	1.77				ERROR	45	116.80	2.60
3-F	10	33.5	3.4	0.91							
4-F	10	54.2	5.4	1.37				TOTAL	49	142.16	
5-F	11	54.3	4.9	2.21							

F Ratio = 2.44 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 34.573 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEINZ BODIES

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	8	0.0	0.0	0.00				TREATMENTS	4	0.023	0.006
2-F	11	0.0	0.0	0.00				ERROR	45	0.171	0.004
3-F	10	0.4	0.0	0.10							
4-F	10	0.0	0.0	0.00				TOTAL	49	0.194	
5-F	11	0.5	0.0	0.09							

F Ratio = 1.48 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 342.740 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE SEGMENTED CELL COUNT

1-F	8	21.85	2.73	0.907				TREATMENTS	4	2.96	0.74
2-F	11	34.25	3.11	1.358				ERROR	45	43.58	0.97
3-F	10	31.79	3.18	0.864							
4-F	10	25.20	2.52	0.801				TOTAL	49	46.54	
5-F	11	32.21	2.93	0.831							

F Ratio = 0.76 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 33.864 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE BAND CELL COUNT

1-F	8	0.05	0.01	0.018				TREATMENTS	4	0.0039	0.0010
2-F	11	0.18	0.02	0.024				ERROR	45	0.0457	0.0010
3-F	10	0.07	0.01	0.015							
4-F	10	0.00	0.00	0.000				TOTAL	49	0.0496	
5-F	11	0.27	0.02	0.060							

F Ratio = 0.95 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 279.618 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE LYMPHOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	8	30.62	3.83	1.106				TREATMENTS	4	6.77	1.69
2-F	11	44.15	4.01	1.301				ERROR	45	76.97	1.71
3-F	10	33.20	3.32	1.415							
4-F	10	41.92	4.19	1.367				TOTAL	49	83.75	
5-F	11	48.21	4.38	1.290							

F Ratio = 0.99 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 33.011 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE MONOCYTE COUNT

1-F	8	2.07	0.26	0.253				TREATMENTS	4	0.36	0.09
2-F	11	3.47	0.32	0.140				ERROR	45	2.24	0.05
3-F	10	2.53	0.25	0.099							
4-F	10	3.54	0.35	0.266				TOTAL	49	2.60	
5-F	11	5.30	0.48	0.296							

F Ratio = 1.80 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 65.975 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE EOSINOPHILE COUNT

1-F	8	3.66	0.46	0.309				TREATMENTS	4	0.07	0.02
2-F	11	4.53	0.41	0.173				ERROR	45	3.20	0.07
3-F	10	4.74	0.47	0.280							
4-F	10	4.15	0.42	0.114				TOTAL	49	3.27	
5-F	11	5.62	0.51	0.376							

F Ratio = 0.26 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 58.727 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE BASOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	8	0.18	0.02	0.033				TREATMENTS	4	0.0059	0.0015
2-F	11	0.39	0.04	0.043				ERROR	45	0.0382	0.0008
3-F	10	0.07	0.01	0.015							
4-F	10	0.08	0.01	0.018				TOTAL	49	0.0442	
5-F	11	0.26	0.02	0.028							

F Ratio = 1.75 'F' table values F.01 = 3.78 F.05 = 2.58
Coeff. Var. % = 148.743 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-M:CONTROL								
16M	8.2	6.37	13.5	40.2	63	21.2	33.6	--
21M	8.3	6.12	13.6	39.6	65	22.2	34.3	901
78M	4.7	6.13	13.2	38.1	62	21.5	34.6	769
171M	6.8	5.93	13.7	38.9	66	23.1	35.2	738
194M	7.9	6.35	13.7	39.9	63	21.6	34.3	968
196M	5.6	5.58	12.5	37.5	67	22.4	33.3	656
210M	6.7	5.77	13.3	38.5	67	23.1	34.5	722
MEAN	6.9	6.04	13.4	39.0	65	22.2	34.3	792
SD	1.37	0.293	0.42	0.99	2.1	0.76	0.63	118.1
N	7	7	7	7	7	7	7	6
GROUP: 2-M:CONTROL								
8M	6.9	6.21	13.4	38.7	62	21.6	34.6	800
34M	7.6	5.71	12.4	36.6	64	21.7	33.9	743
112M	6.0	6.17	13.3	38.5	62	21.6	34.5	863
125M	5.7	6.19	13.4	40.3	65	21.6	33.3	766
137M	5.9	5.99	13.4	38.7	65	22.4	34.6	751
154M	9.4	6.41	14.6	42.7	67	22.8	34.2	872
155M	6.7	5.94	13.6	39.6	67	22.9	34.3	807
142M	7.1	6.23	13.1	38.6	62	21.0	33.9	661
172M	8.1	6.15	13.6	40.8	66	22.1	33.3	720
206M	6.5	6.07	13.6	39.1	64	22.4	34.8	641
135M	5.1	6.21	13.9	41.1	66	22.4	33.8	768
101M	8.7	6.50	14.5	43.2	66	22.3	33.6	835
182M	5.7	6.34	13.7	40.8	64	21.6	33.6	892
MEAN	6.9	6.16	13.6	39.9	65	22.0	34.0	778
SD	1.28	0.206	0.56	1.83	1.8	0.56	0.51	77.3
N	13	13	13	13	13	13	13	13

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-M:150 PPM								
5M	6.4	6.61	14.9	43.8	66	22.5	34.0	760
6M	7.2	5.79	13.6	40.4	70	23.5	33.7	738
10M	4.6	6.81	14.4	42.7	63	21.1	33.7	793
47M	9.2	6.04	13.8	40.5	67	22.8	34.1	938
128M	5.9	6.16	14.1	41.9	68	22.9	33.7	725
129M	6.2	5.50	13.0	36.6	67	23.6	35.5	731
153M	8.4	5.79	13.0	39.0	67	22.5	33.3	976
215M	6.8	6.30	14.2	41.5	66	22.5	34.2	936
216M	9.7	6.52	14.4	43.0	66	22.1	33.5	--
122M	9.5	5.70	12.6	37.0	65	22.1	34.1	881
1M	5.1	6.55	14.7	44.9	69	22.4	32.7	615
MEAN	7.2	6.16	13.9	41.0	67	22.5	33.9	809
SD	1.78	0.431	0.75	2.66	1.9	0.69	0.69	117.5
N	11	11	11	11	11	11	11	10
GROUP: 4-M:450 PPM								
20M	8.1	5.39	12.4	35.6	66	23.0	34.8	732
33M	11.2	6.08	14.0	40.6	67	23.0	34.5	779
73M	7.9	6.84	14.6	43.7	64	21.3	33.4	834
102M	7.2	6.09	13.3	39.6	65	21.8	33.6	805
110M	8.8	5.88	13.5	39.3	67	23.0	34.4	913
118M	6.5	5.87	12.8	37.9	65	21.8	33.8	797
151M	6.3	6.51	14.5	41.5	64	22.3	34.9	828
200M	7.5	6.18	14.1	40.2	65	22.8	35.1	802
214M	7.6	5.79	12.7	37.1	64	21.9	34.2	663
141M	7.7	6.86	14.4	42.9	63	21.0	33.6	--
MEAN	7.9	6.15	13.6	39.8	65	22.2	34.2	795
SD	1.38	0.469	0.81	2.52	1.3	0.74	0.61	69.2
N	10	10	10	10	10	10	10	9

WBC corrected for NRBC > 0

(--) - Data Unavailable

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-M:2500 PPM								
35M	7.6	5.95	13.6	39.9	67	22.9	34.1	1059
43M	9.9	6.37	14.1	40.8	64	22.1	34.6	927
74M	7.8	6.39	14.0	41.0	64	21.9	34.1	643
116M	5.8	5.36	12.5	34.8	65	23.3	35.9	850
117M	10.8	6.37	14.2	41.3	65	22.3	34.4	832
134M	8.3	5.92	13.1	37.9	64	22.1	34.6	1122
146M	5.8	6.71	14.3	41.7	62	21.3	34.3	769
160M	6.9	5.94	13.3	38.7	65	22.4	34.4	951
174M	9.3	6.25	14.2	41.9	67	22.7	33.9	745
22M	8.5	6.84	15.2	44.9	66	22.2	33.9	799
MEAN	8.1	6.21	13.9	40.3	65	22.3	34.4	870
SD	1.65	0.432	0.75	2.71	1.5	0.56	0.58	146.5
N	10	10	10	10	10	10	10	10

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-M:CONTROL								
16M	3.4	0.0	3.44	0.00	3.89	0.45	0.41	0.00
21M	4.7	0.0	2.57	0.04	4.65	0.21	0.83	0.00
78M	5.8	0.0	2.09	0.00	1.90	0.35	0.33	0.02
171M	7.2	0.1	2.82	0.00	3.43	0.17	0.37	0.00
194M	2.5	0.2	3.52	0.12	3.63	0.16	0.47	0.00
196M	5.2	0.0	1.85	0.03	3.36	0.14	0.22	0.00
210M	4.7	0.0	2.78	0.00	2.85	0.47	0.60	0.00
MEAN	4.8	0.0	2.72	0.03	3.39	0.28	0.46	0.00
SD	1.54	0.08	0.626	0.044	0.857	0.142	0.201	0.008
N	7	7	7	7	7	7	7	7
GROUP: 2-M:CONTROL								
8M	5.9	0.0	3.38	0.00	2.66	0.41	0.45	0.00
34M	4.4	0.0	3.72	0.00	2.66	0.80	0.38	0.04
112M	3.0	0.0	2.55	0.00	2.94	0.12	0.39	0.00
125M	6.6	0.0	2.68	0.00	2.51	0.20	0.23	0.09
137M	4.5	0.0	3.04	0.00	2.63	0.09	0.15	0.00
154M	8.8	0.0	4.09	0.00	4.46	0.52	0.33	0.00
155M	5.1	0.0	2.75	0.07	3.38	0.10	0.37	0.03
142M	6.7	0.0	2.91	0.00	3.09	0.14	0.92	0.04
172M	7.7	0.0	4.05	0.00	3.00	0.53	0.49	0.04
206M	6.1	0.0	2.83	0.00	3.09	0.13	0.46	0.00
135M	9.9	0.0	1.63	0.00	2.75	0.18	0.54	0.00
101M	7.6	0.0	4.48	0.00	3.09	0.70	0.43	0.00
182M	4.8	0.0	2.65	0.00	2.31	0.37	0.37	0.00
MEAN	6.2	0.0	3.14	0.01	2.97	0.33	0.42	0.02
SD	1.93	0.00	0.781	0.019	0.535	0.244	0.182	0.028
N	13	13	13	13	13	13	13	13

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-M:150 PPM								
5M	4.6	0.0	3.20	0.00	2.75	0.22	0.22	0.00
6M	4.3	0.0	2.77	0.04	3.89	0.25	0.25	0.00
10M	3.5	0.0	2.90	0.00	1.33	0.23	0.14	0.00
47M	6.0	0.0	3.40	0.14	4.83	0.32	0.46	0.05
128M	4.3	0.0	2.89	0.00	2.33	0.41	0.27	0.00
129M	3.8	0.0	3.07	0.00	2.51	0.31	0.25	0.06
153M	4.0	0.1	3.23	0.08	4.49	0.17	0.38	0.00
215M	2.3	0.0	2.69	0.00	3.06	0.48	0.51	0.07
216M	4.0	0.0	5.14	0.00	3.49	0.24	0.82	0.00
122M	5.6	0.0	5.94	0.00	2.52	0.71	0.28	0.05
1M	6.6	0.0	1.96	0.00	2.60	0.31	0.23	0.00
MEAN	4.5	0.0	3.38	0.02	3.07	0.33	0.35	0.02
SD	1.22	0.03	1.146	0.046	1.024	0.154	0.191	0.029
N	11	11	11	11	11	11	11	11
GROUP: 4-M:450 PPM								
20M	3.7	0.0	3.81	0.00	2.96	0.69	0.65	0.00
33M	3.7	0.1	4.03	0.06	6.44	0.17	0.45	0.06
73M	7.1	0.0	3.16	0.00	3.99	0.47	0.24	0.04
102M	4.2	0.0	4.50	0.11	2.02	0.36	0.18	0.04
110M	7.5	0.0	3.30	0.00	4.62	0.44	0.40	0.04
118M	5.7	0.1	3.12	0.13	2.31	0.33	0.62	0.00
151M	4.3	0.0	1.58	0.00	3.69	0.35	0.63	0.06
200M	4.6	0.0	2.96	0.00	4.05	0.34	0.15	0.00
214M	6.2	0.0	4.10	0.00	2.55	0.38	0.57	0.00
141M	4.0	0.0	3.23	0.00	3.43	0.42	0.62	0.00
MEAN	5.1	0.0	3.38	0.03	3.61	0.40	0.45	0.02
SD	1.42	0.04	0.813	0.051	1.298	0.132	0.198	0.026
N	10	10	10	10	10	10	10	10

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-M:2500 PPM								
35M	6.2	0.0	2.17	0.00	4.33	0.34	0.76	0.00
43M	5.1	0.2	2.33	0.05	6.58	0.35	0.54	0.05
74M	5.8	0.0	2.73	0.08	3.98	0.00	1.01	0.00
116M	7.2	0.1	1.86	0.09	3.45	0.17	0.20	0.03
117M	10.7	0.0	3.67	0.00	5.29	1.24	0.54	0.05
134M	4.6	0.0	4.52	0.00	3.11	0.33	0.29	0.04
146M	3.9	0.0	1.51	0.00	3.80	0.29	0.20	0.00
160M	7.0	0.0	2.62	0.00	3.55	0.55	0.17	0.00
174M	6.1	0.4	2.60	0.00	6.09	0.09	0.47	0.05
22M	4.3	0.0	4.55	0.04	3.65	0.09	0.17	0.00
MEAN	6.1	0.1	2.86	0.03	4.38	0.35	0.44	0.02
SD	1.96	0.13	1.054	0.036	1.192	0.354	0.285	0.024
N	10	10	10	10	10	10	10	10

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: WHITE BLOOD CELLS (10-3)					
MEAN	6.9	6.9	7.2	7.9	8.1
SD	1.37	1.28	1.78	1.38	1.65
N	7	13	11	10	10
Test: RED BLOOD CELLS (10-6)					
MEAN	6.04	6.16	6.16	6.15	6.21
SD	0.293	0.206	0.431	0.469	0.432
N	7	13	11	10	10
Test: HEMOGLOBIN (g/dL)					
MEAN	13.4	13.6	13.9	13.6	13.9
SD	0.42	0.56	0.75	0.81	0.75
N	7	13	11	10	10
Test: HEMATOCRIT (%)					
MEAN	39.0	39.9	41.0	39.8	40.3
SD	0.99	1.83	2.66	2.52	2.71
N	7	13	11	10	10
Test: MEAN CELL VOLUME (UM3)					
MEAN	65	65	67	65	65
SD	2.1	1.8	1.9	1.3	1.5
N	7	13	11	10	10
Test: MEAN CELL HEMOGLOBIN (UUG)					
MEAN	22.2	22.0	22.5	22.2	22.3
SD	0.76	0.56	0.69	0.74	0.56
N	7	13	11	10	10

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: MEAN CELL HEMOGLOBIN CONCENTRATION (g/dL)					
MEAN	34.3	34.0	33.9	34.2	34.4
SD	0.63	0.51	0.69	0.61	0.58
N	7	13	11	10	10
Test: PLATELETS (10-3)					
MEAN	792	778	809	795	870
SD	118.1	77.3	117.5	69.2	146.5
N	6	13	10	9	10
Test: RETICULOCYTES (%)					
MEAN	4.8	6.2	4.5	5.1	6.1
SD	1.54	1.93	1.22	1.42	1.96
N	7	13	11	10	10
Test: HEINZ BODIES (%)					
MEAN	0.0	0.0	0.0	0.0	0.1
SD	0.08	0.00	0.03	0.04	0.13
N	7	13	11	10	10
Test: ABSOLUTE SEGMENTED CELL COUNT (CLS X 10-3)					
MEAN	2.72	3.14	3.38	3.38	2.86
SD	0.626	0.781	1.146	0.813	1.054
N	7	13	11	10	10
Test: ABSOLUTE BAND CELL COUNT (CLS X 10-3)					
MEAN	0.03	0.01	0.02	0.03	0.03
SD	0.044	0.019	0.046	0.051	0.036
N	7	13	11	10	10
Test: ABSOLUTE LYMPHOCYTE COUNT (CLS X 10-3)					
MEAN	3.39	2.97	3.07	3.61	4.38
SD	0.857	0.535	1.024	1.298	1.192
N	7	13	11	10	10

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-M 0 PPM	2-M 0 PPM	3-M 150 PPM	4-M 450 PPM	5-M 2500 PPM
Test: ABSOLUTE MONOCYTE COUNT (CLS X 10-3)					
MEAN	0.28	0.33	0.33	0.40	0.35
SD	0.142	0.244	0.154	0.132	0.354
N	7	13	11	10	10
Test: ABSOLUTE EOSINOPHILE COUNT (CLS X 10-3)					
MEAN	0.46	0.42	0.35	0.45	0.44
SD	0.201	0.182	0.191	0.198	0.285
N	7	13	11	10	10
Test: ABSOLUTE BASOPHILE COUNT (CLS X 10-3)					
MEAN	0.00	0.02	0.02	0.02	0.02
SD	0.008	0.028	0.029	0.026	0.024
N	7	13	11	10	10

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

WHITE BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	48.2	6.9	1.37				TREATMENTS	4	12.69	3.17
2-M	13	89.4	6.9	1.28				ERROR	46	104.01	2.26
3-M	11	79.0	7.2	1.78							
4-M	10	78.8	7.9	1.38				TOTAL	50	116.70	
5-M	10	80.7	8.1	1.65							

F Ratio = 1.40 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 20.390 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

RED BLOOD CELLS

1-M	7	42.25	6.04	0.293				TREATMENTS	4	0.13	0.03
2-M	13	80.12	6.16	0.206				ERROR	46	6.54	0.14
3-M	11	67.77	6.16	0.431							
4-M	10	61.49	6.15	0.469				TOTAL	50	6.67	
5-M	10	62.10	6.21	0.432							

F Ratio = 0.23 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 6.131 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

HEMOGLOBIN

1-M	7	93.5	13.4	0.42				TREATMENTS	4	1.63	0.41
2-M	13	176.5	13.6	0.56				ERROR	46	21.50	0.47
3-M	11	152.7	13.9	0.75							
4-M	10	136.3	13.6	0.81				TOTAL	50	23.13	
5-M	10	138.5	13.9	0.75							

F Ratio = 0.87 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 4.999 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEMATOCRIT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	272.7	39.0	0.99						TREATMENTS	4	20.13	5.03
2-M	13	518.7	39.9	1.83						ERROR	46	240.45	5.23
3-M	11	451.3	41.0	2.66									
4-M	10	398.4	39.8	2.52						TOTAL	50	260.59	
5-M	10	402.9	40.3	2.71									

F Ratio = 0.96 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 5.705 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

MEAN CELL VOLUME

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	453	65	2.1						TREATMENTS	4	33.04	8.26
2-M	13	840	65	1.8	0	63	67	62	67	ERROR	46	137.59	2.99
3-M	11	734	67	1.9	2	63	67	62	67				
4-M	10	650	65	1.3	0	63	67	62	67	TOTAL	50	170.63	
5-M	10	649	65	1.5	0	63	67	62	67				

F Ratio = 2.76 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 2.652 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

MEAN CELL HEMOGLOBIN

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	155.1	22.2	0.76						TREATMENTS	4	1.73	0.43
2-M	13	286.4	22.0	0.56						ERROR	46	19.70	0.43
3-M	11	248.0	22.5	0.69									
4-M	10	221.9	22.2	0.74						TOTAL	50	21.43	
5-M	10	223.2	22.3	0.56									

F Ratio = 1.01 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 2.941 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

MEAN CELL HEMOGLOBIN CONCENTRA

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	239.8	34.3	0.63				TREATMENTS	4	1.96	0.49
2-M	13	442.4	34.0	0.51				ERROR	46	16.63	0.36
3-M	11	372.5	33.9	0.69							
4-M	10	342.3	34.2	0.61				TOTAL	50	18.58	
5-M	10	344.2	34.4	0.58							

F Ratio = 1.35 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 1.761 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

PLATELETS

1-M	6	4754	792	118.1				TREATMENTS	4	52512	13128
2-M	13	10119	778	77.3				ERROR	43	497272	11564
3-M	10	8093	809	117.5							
4-M	9	7153	795	69.2				TOTAL	47	549785	
5-M	10	8697	870	146.5							

F Ratio = 1.14 'F' table values F.01 = 3.80 F.05 = 2.59
Coeff. Var. % = 13.298 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

RETICULOCYTES

1-M	7	33.5	4.8	1.54				TREATMENTS	4	27.27	6.82
2-M	13	81.1	6.2	1.93				ERROR	46	126.42	2.75
3-M	11	49.0	4.5	1.22							
4-M	10	51.0	5.1	1.42				TOTAL	50	153.69	
5-M	10	60.9	6.1	1.96							

F Ratio = 2.48 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 30.688 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEINZ BODIES

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	0.3	0.0	0.08				TREATMENTS	4	0.034	0.008
2-M	13	0.0	0.0	0.00				ERROR	46	0.223	0.005
3-M	11	0.1	0.0	0.03							
4-M	10	0.2	0.0	0.04				TOTAL	50	0.257	
5-M	10	0.7	0.1	0.13							

F Ratio = 1.73 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 273.293 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE SEGMENTED CELL COUNT

1-M	7	19.07	2.72	0.626				TREATMENTS	4	3.21	0.80
2-M	13	40.76	3.14	0.781				ERROR	46	38.73	0.84
3-M	11	37.19	3.38	1.146							
4-M	10	33.79	3.38	0.813				TOTAL	50	41.94	
5-M	10	28.56	2.86	1.054							

F Ratio = 0.95 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 29.363 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE BAND CELL COUNT

1-M	7	0.19	0.03	0.044				TREATMENTS	4	0.0046	0.0011
2-M	13	0.07	0.01	0.019				ERROR	46	0.0732	0.0016
3-M	11	0.26	0.02	0.046							
4-M	10	0.30	0.03	0.051				TOTAL	50	0.0777	
5-M	10	0.26	0.03	0.036							

F Ratio = 0.72 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 188.324 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation
Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE LYMPHOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	23.71	3.39	0.857						TREATMENTS	4	13.58	3.39
2-M	13	38.57	2.97	0.535	0.89	2.00	5.00	2.00	5.00	ERROR	46	46.28	1.01
3-M	11	33.80	3.07	1.024	0.65	2.00	5.00	2.00	5.00				
4-M	10	36.06	3.61	1.298	0.44	2.00	5.00	2.00	5.00	TOTAL	50	59.86	
5-M	10	43.83	4.38	1.192	2.01	2.00	5.00	2.00	5.00				

F Ratio = 3.37 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 29.071 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE MONOCYTE COUNT

1-M	7	1.95	0.28	0.142						TREATMENTS	4	0.06	0.01
2-M	13	4.29	0.33	0.244						ERROR	46	2.35	0.05
3-M	11	3.65	0.33	0.154									
4-M	10	3.95	0.40	0.132						TOTAL	50	2.41	
5-M	10	3.45	0.35	0.354									

F Ratio = 0.29 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 66.698 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

ABSOLUTE EOSINOPHILE COUNT

1-M	7	3.23	0.46	0.201						TREATMENTS	4	0.08	0.02
2-M	13	5.51	0.42	0.182						ERROR	46	2.09	0.05
3-M	11	3.81	0.35	0.191									
4-M	10	4.51	0.45	0.198						TOTAL	50	2.17	
5-M	10	4.35	0.44	0.285									

F Ratio = 0.46 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 50.770 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1 KIT NECROPSY)
PERIOD: JULY,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE BASOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-M	7	0.02	0.00	0.008				TREATMENTS	4	0.0022	0.0006
2-M	13	0.24	0.02	0.028				ERROR	46	0.0298	0.0006
3-M	11	0.23	0.02	0.029							
4-M	10	0.24	0.02	0.026				TOTAL	50	0.0320	
5-M	10	0.22	0.02	0.024							

F Ratio = 0.85 'F' table values F.01 = 3.76 F.05 = 2.57
Coeff. Var. % = 136.646 Dunnett's 'T' table values P.01 = 3.12 P.05 = 2.51

Error-within groups
Source-Source of Variation

Treatments-between groups

(END OF REPORT)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-F:CONTROL								
400	5.5	8.69	16.9	50.6	58	19.4	33.4	775
401	3.4	7.75	15.9	46.8	60	20.5	34.0	625
402	2.9	8.56	17.3	51.4	60	20.2	33.7	624
404	5.2	7.62	15.8	47.0	62	20.7	33.6	--
405	4.2	8.44	16.4	48.3	57	19.4	34.0	866
406	4.2	7.81	16.5	47.6	61	21.1	34.7	--
407	8.6	7.87	16.3	48.7	62	20.7	33.5	694
408	4.7	8.66	17.8	52.6	61	20.6	33.8	740
409	4.1	7.73	16.0	46.3	60	20.7	34.6	689
410	5.8	7.95	16.1	47.8	60	20.3	33.7	638
411	5.1	7.44	15.6	44.3	60	21.0	35.2	716
412	5.6	7.57	15.9	45.8	61	21.0	34.7	--
413	5.8	7.54	15.8	47.5	63	21.0	33.3	655
414	10.6	7.96	16.2	47.1	59	20.4	34.4	853
415	5.1	7.18	15.0	43.9	61	20.9	34.2	611
416	4.9	8.00	15.6	46.6	58	19.5	33.5	602
417	3.8	7.82	16.2	48.0	61	20.7	33.8	--
419	3.2	7.79	15.7	47.7	61	20.2	32.9	657
421	7.6	7.91	16.1	47.1	60	20.4	34.2	658
422	4.1	7.46	15.5	45.2	61	20.8	34.3	627
423	7.5	7.78	15.6	46.4	60	20.1	33.6	674
424	3.3	8.30	16.6	50.3	61	20.0	33.0	668
425	4.6	7.74	16.5	48.4	63	21.3	34.1	590
426	5.6	7.93	16.0	47.3	60	20.2	33.8	667
427	3.3	8.18	16.7	48.6	59	20.4	34.4	603
429	6.0	8.95	17.5	52.9	59	19.6	33.1	630
430	2.5	7.89	15.6	46.2	59	19.8	33.8	698
431	3.9	8.47	17.0	50.4	60	20.1	33.7	--
432	5.0	7.82	16.6	48.3	62	21.2	34.4	942
433	4.0	8.45	16.2	47.8	57	19.2	33.9	869
434	5.0	8.44	15.9	46.8	55	18.8	34.0	784
435	3.2	7.86	15.7	46.5	59	20.0	33.8	619
436	4.0	7.59	15.6	45.7	60	20.6	34.1	706
437	5.0	7.61	15.2	45.5	60	20.0	33.4	704
438	5.5	8.10	16.8	50.2	62	20.7	33.5	820
MEAN	4.9	7.97	16.2	47.8	60	20.3	33.9	700
SD	1.66	0.407	0.63	2.12	1.7	0.60	0.51	92.2
N	35	35	35	35	35	35	35	30

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 2-F:CONTROL								
439	3.3	8.82	17.5	52.0	59	19.8	33.7	842
441	4.1	8.03	16.0	48.6	61	19.9	32.9	547
443	4.6	7.95	17.0	49.1	62	21.4	34.6	--
445	3.2	8.99	17.1	53.1	59	19.0	32.2	699
446	3.8	8.66	17.2	52.2	60	19.9	33.0	574
447	3.1	8.35	16.4	49.3	59	19.6	33.3	753
448	5.4	8.64	17.8	52.2	60	20.6	34.1	646
449	6.0	8.43	16.8	49.7	59	19.9	33.8	717
450	5.2	8.29	16.9	50.0	60	20.4	33.8	777
451	6.4	8.38	17.4	51.8	62	20.8	33.6	750
452	6.4	8.87	17.3	52.0	59	19.5	33.3	592
453	7.6	7.62	15.7	45.4	60	20.6	34.6	781
455	5.7	7.75	15.2	45.4	59	19.6	33.5	752
456	5.9	8.18	15.3	46.7	57	18.7	32.8	819
457	6.6	8.18	16.0	46.4	57	19.6	34.5	695
458	2.7	8.52	17.0	49.9	59	20.0	34.1	669
459	3.4	8.30	16.8	49.7	60	20.2	33.8	736
460	3.4	8.28	16.2	49.0	59	19.6	33.1	689
461	3.9	7.97	16.1	48.0	60	20.2	33.5	664
462	6.8	7.26	14.8	44.2	61	20.4	33.5	615
463	2.8	7.98	16.7	48.4	61	20.9	34.5	--
464	5.0	8.95	18.2	54.4	61	20.3	33.5	785
465	5.5	8.44	16.3	47.6	56	19.3	34.2	797
466	3.4	7.83	15.9	47.8	61	20.3	33.3	700
467	4.1	8.29	16.1	48.1	58	19.4	33.5	702
468	4.7	7.53	15.9	46.6	62	21.1	34.1	656
469	4.4	8.03	15.8	46.3	58	19.7	34.1	653
470	5.1	7.09	15.6	45.4	64	22.0	34.4	--
471	4.7	7.94	15.9	47.6	60	20.0	33.4	733
472	5.1	8.25	16.6	49.2	60	20.1	33.7	518
473	5.2	7.87	15.7	47.3	60	19.9	33.2	613
474	4.4	7.89	15.5	45.9	58	19.6	33.8	729
475	6.1	8.29	15.9	48.3	58	19.2	32.9	760
476	6.0	7.87	15.9	47.6	60	20.2	33.4	835
477	3.4	8.36	16.8	51.1	61	20.1	32.9	778
MEAN	4.8	8.17	16.4	48.8	60	20.1	33.6	706
SD	1.28	0.440	0.78	2.47	1.6	0.67	0.57	82.4
N	35	35	35	35	35	35	35	32

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-F:150 PPM								
478	3.8	8.11	16.1	46.7	58	19.9	34.5	674
479	3.8	7.95	16.4	48.7	61	20.6	33.7	722
480	4.5	8.01	17.1	50.3	63	21.3	34.0	--
481	6.8	7.65	16.1	46.8	61	21.0	34.4	--
483	5.7	8.22	16.4	48.8	59	20.0	33.6	708
484	3.4	8.20	16.1	48.3	59	19.6	33.3	700
485	7.4	7.66	15.4	45.9	60	20.1	33.6	549
486	4.8	7.89	16.2	47.0	60	20.5	34.5	829
488	5.8	7.49	14.8	44.5	59	19.8	33.3	582
489	4.0	7.81	16.7	48.0	61	21.4	34.8	739
490	2.7	7.93	17.3	52.4	66	21.8	33.0	644
491	2.4	7.91	16.5	47.7	60	20.9	34.6	814
492	4.9	8.26	16.3	47.2	57	19.7	34.5	716
494	7.4	7.55	15.6	45.6	60	20.7	34.2	641
495	8.5	7.79	15.3	46.4	60	19.6	33.0	459
496	4.5	8.01	16.0	47.8	60	20.0	33.5	641
497	4.0	7.37	15.1	44.6	61	20.5	33.9	735
498	3.0	7.41	15.0	46.2	62	20.2	32.5	653
499	3.6	8.48	16.9	49.9	59	19.9	33.9	486
500	2.5	7.88	16.4	48.3	61	20.8	34.0	609
501	4.0	7.99	16.6	49.0	61	20.8	33.9	541
502	--	--	--	--	--	--	--	--
503	4.3	8.56	16.6	48.9	57	19.4	33.9	542
504	2.9	8.35	17.0	49.4	59	20.4	34.4	739
505	6.4	7.42	15.3	45.7	62	20.6	33.5	963
507	3.0	8.16	16.5	48.1	59	20.2	34.3	--
508	4.1	7.94	15.7	45.9	58	19.8	34.2	--
509	1.9	8.49	17.0	50.6	60	20.0	33.6	619
510	3.5	8.90	16.8	50.9	57	18.9	33.0	634
511	5.0	7.90	15.9	46.5	59	20.1	34.2	--
512	3.4	8.25	17.0	50.2	61	20.6	33.9	717
513	4.3	8.39	17.3	50.7	60	20.6	34.1	656
514	3.8	8.36	16.2	48.1	58	19.4	33.7	--
515	8.8	7.71	16.0	47.4	61	20.8	33.8	702
516	4.4	7.83	16.5	48.1	61	21.1	34.3	--
MEAN	4.5	7.99	16.2	48.0	60	20.3	33.9	667
SD	1.71	0.360	0.67	1.89	1.8	0.64	0.53	107.4
N	34	34	34	34	34	34	34	27

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 4-F:450 PPM								
517	4.6	8.95	17.0	53.6	60	19.0	31.7	718
518	4.9	8.65	18.4	53.2	62	21.3	34.6	762
521	8.2	7.80	15.1	45.0	58	19.4	33.6	812
522	3.3	8.66	17.5	52.0	60	20.2	33.7	774
523	6.0	8.06	16.0	47.4	59	19.9	33.8	673
524	5.4	8.25	16.7	48.6	59	20.2	34.4	770
525	4.2	8.63	17.6	52.5	61	20.4	33.5	740
526	3.4	8.43	17.1	50.3	60	20.3	34.0	701
527	4.0	8.15	16.1	48.4	59	19.8	33.3	768
528	5.5	7.76	16.0	49.0	63	20.6	32.7	--
529	8.5	9.09	17.6	51.6	57	19.4	34.1	733
530	6.8	8.42	16.1	48.5	58	19.1	33.2	748
531	7.0	8.39	16.1	47.4	56	19.2	34.0	820
532	4.7	8.25	16.7	48.5	59	20.2	34.4	877
533	6.4	8.42	16.6	49.1	58	19.7	33.8	707
534	9.7	7.85	16.5	48.2	61	21.0	34.2	699
535	4.7	8.52	16.8	50.6	59	19.7	33.2	852
536	5.4	6.18	13.0	38.4	62	21.0	33.9	898
537	6.4	7.87	15.7	46.0	58	19.9	34.1	745
539	3.9	8.34	17.5	50.7	61	21.0	34.5	747
540	4.7	8.37	16.3	48.0	57	19.5	34.0	--
541	3.7	7.86	16.4	48.0	61	20.9	34.2	--
542	4.6	7.40	16.0	46.2	62	21.6	34.6	759
543	1.9	8.53	17.3	51.6	60	20.3	33.5	748
544	4.3	8.24	16.7	48.7	59	20.3	34.3	631
545	5.4	7.98	16.8	50.1	63	21.1	33.5	627
546	7.0	8.74	16.8	49.8	57	19.2	33.7	744
547	4.3	8.18	16.5	48.1	59	20.2	34.3	662
548	6.2	8.32	16.4	48.1	58	19.7	34.1	969
549	4.3	8.47	16.3	48.6	57	19.2	33.5	--
550	4.1	7.87	16.3	48.1	61	20.7	33.9	913
551	5.2	7.70	16.5	47.7	62	21.4	34.6	657
552	5.7	8.03	15.1	45.7	57	18.8	33.0	926
553	5.0	8.54	16.9	49.0	57	19.8	34.5	--
554	6.0	6.88	13.8	40.8	59	20.1	33.8	852
MEAN	5.3	8.17	16.4	48.5	59	20.1	33.8	768
SD	1.57	0.555	1.01	3.02	1.9	0.74	0.61	88.1
N	35	35	35	35	35	35	35	30

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-F:2500 PPM								
568	3.9	8.49	16.4	49.9	59	19.3	32.9	--
569	4.8	7.75	15.5	46.7	60	20.0	33.2	612
571	6.4	8.01	16.5	48.7	61	20.6	33.9	808
572	3.4	8.19	16.9	48.8	60	20.6	34.6	754
573	5.7	7.95	16.3	47.7	60	20.5	34.2	--
574	4.2	7.83	16.8	48.9	62	21.5	34.4	618
575	4.6	8.23	16.3	48.0	58	19.8	34.0	651
576	3.0	8.01	15.9	47.1	59	19.9	33.8	707
577	3.8	8.88	16.5	49.8	56	18.6	33.1	614
578	2.9	8.17	16.1	48.8	60	19.7	33.0	667
579	4.9	7.16	14.8	44.7	62	20.7	33.1	763
580	6.7	7.81	15.9	46.5	60	20.4	34.2	684
581	3.5	7.84	16.1	47.9	61	20.5	33.6	741
582	2.9	8.08	16.3	49.2	61	20.2	33.1	730
584	4.3	7.60	15.4	46.7	61	20.3	33.0	684
585	3.1	7.68	15.9	47.0	61	20.7	33.8	705
586	3.3	8.15	16.3	48.6	60	20.0	33.5	791
587	3.9	7.62	15.9	46.7	61	20.9	34.0	836
588	3.7	8.04	16.3	48.0	60	20.3	34.0	640
589	4.3	7.82	15.2	45.6	58	19.4	33.3	822
590	5.4	8.12	15.9	48.9	60	19.6	32.5	589
591	4.3	7.73	15.6	46.4	60	20.2	33.6	819
592	5.0	8.00	15.8	47.1	59	19.8	33.5	783
556	3.9	8.51	18.5	53.8	63	21.7	34.4	544
557	7.5	7.78	15.6	45.8	59	20.1	34.1	465
558	5.2	7.85	15.2	48.0	61	19.4	31.7	645
559	5.5	7.38	15.9	46.5	63	21.5	34.2	--
560	2.8	7.89	17.0	50.8	64	21.5	33.5	690
561	3.6	7.98	16.0	48.3	61	20.1	33.1	840
562	3.4	8.03	16.2	48.3	60	20.2	33.5	695
563	5.1	7.77	15.7	46.7	60	20.2	33.6	579
564	6.1	8.06	16.1	47.2	59	20.0	34.1	712
565	3.1	7.32	14.1	45.2	62	19.3	31.2	741
566	3.1	7.38	15.4	46.6	63	20.9	33.0	658
567	5.4	8.69	17.8	53.2	61	20.5	33.5	706
MEAN	4.4	7.94	16.1	47.9	60	20.3	33.5	697
SD	1.20	0.365	0.78	1.95	1.6	0.69	0.72	89.1
N	35	35	35	35	35	35	35	32

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-F:CONTROL								
400	4.0	0.2	2.09	0.00	2.23	0.17	1.02	0.00
401	2.5	0.0	0.95	0.00	2.14	0.14	0.14	0.03
402	2.7	0.0	1.67	0.00	1.12	0.09	0.02	0.00
404	4.0	0.0	1.20	0.00	3.85	0.00	0.13	0.03
405	2.2	0.0	1.39	0.00	2.25	0.36	0.21	0.00
406	3.3	0.0	1.68	0.00	2.02	0.31	0.19	0.00
407	4.4	0.0	3.44	0.00	4.00	0.52	0.65	0.00
408	4.9	0.0	2.11	0.00	2.07	0.28	0.23	0.00
409	3.2	0.5	2.09	0.00	1.58	0.16	0.23	0.04
410	2.3	0.3	2.03	0.00	3.19	0.17	0.41	0.00
411	3.4	0.0	2.60	0.00	1.76	0.64	0.08	0.03
412	1.9	0.0	1.90	0.00	3.11	0.22	0.36	0.00
413	3.4	0.0	2.73	0.00	2.35	0.52	0.17	0.03
414	3.7	0.0	7.69	0.00	2.23	0.42	0.21	0.05
415	2.4	0.0	1.91	0.00	2.96	0.03	0.20	0.00
416	2.9	0.0	2.21	0.00	2.35	0.17	0.17	0.00
417	2.6	0.0	1.61	0.00	1.99	0.04	0.13	0.02
419	1.6	0.0	1.44	0.02	1.47	0.10	0.18	0.00
421	1.6	0.0	2.55	0.00	4.14	0.34	0.57	0.00
422	1.8	0.0	1.41	0.00	2.36	0.08	0.25	0.00
423	2.6	0.0	1.39	0.00	4.88	0.23	0.97	0.04
424	2.9	0.0	0.97	0.02	2.14	0.12	0.05	0.00
425	3.7	0.0	2.55	0.00	1.68	0.09	0.28	0.00
426	3.8	0.0	2.10	0.00	2.88	0.17	0.45	0.00
427	4.7	0.0	1.72	0.02	1.44	0.03	0.10	0.00
429	2.1	0.1	2.88	0.00	2.22	0.27	0.63	0.00
430	2.2	0.1	0.85	0.00	1.60	0.04	0.01	0.00
431	3.1	0.0	2.61	0.00	1.01	0.23	0.04	0.00
432	4.4	0.0	2.30	0.00	1.45	0.20	1.02	0.03
433	4.0	0.0	1.64	0.00	2.18	0.12	0.06	0.00
434	3.6	0.0	1.30	0.00	3.23	0.35	0.12	0.00
435	4.1	0.0	1.46	0.00	1.44	0.13	0.18	0.00
436	3.6	0.0	1.98	0.00	1.64	0.32	0.06	0.00
437	3.6	0.0	3.12	0.00	1.45	0.30	0.12	0.00
438	2.0	0.1	2.92	0.00	2.15	0.19	0.25	0.00
MEAN	3.1	0.0	2.13	0.00	2.30	0.22	0.28	0.01
SD	0.92	0.10	1.159	0.006	0.900	0.151	0.275	0.015
N	35	35	35	35	35	35	35	35

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 2-F:CONTROL								
439	4.1	0.0	1.17	0.00	1.75	0.12	0.26	0.00
441	3.4	0.0	2.23	0.00	1.76	0.08	0.02	0.00
443	2.8	0.0	2.21	0.00	2.09	0.18	0.09	0.02
445	3.3	0.0	1.25	0.00	1.78	0.08	0.08	0.02
446	2.3	0.0	1.37	0.00	2.09	0.11	0.23	0.00
447	3.5	0.0	1.24	0.00	1.58	0.05	0.14	0.05
448	5.6	0.0	1.78	0.00	2.81	0.38	0.43	0.00
449	2.5	0.0	2.91	0.00	2.94	0.09	0.06	0.00
450	4.5	0.0	1.64	0.00	3.20	0.16	0.18	0.03
451	2.1	0.0	3.04	0.00	3.01	0.13	0.16	0.06
452	2.3	0.0	3.81	0.00	2.34	0.26	0.00	0.00
453	3.6	0.0	3.04	0.00	3.72	0.49	0.34	0.00
455	4.1	0.0	2.59	0.00	2.65	0.31	0.14	0.00
456	3.7	0.0	1.62	0.00	3.16	0.24	0.77	0.12
457	1.9	0.0	2.24	0.00	3.60	0.20	0.56	0.00
458	3.9	0.0	1.36	0.00	1.02	0.15	0.16	0.01
459	3.4	0.0	1.34	0.00	1.63	0.09	0.31	0.03
460	3.9	0.0	1.56	0.00	1.55	0.14	0.14	0.02
461	4.1	0.0	1.87	0.02	1.58	0.04	0.37	0.02
462	3.6	0.0	3.64	0.00	2.96	0.07	0.14	0.00
463	3.5	0.0	2.03	0.00	0.59	0.10	0.07	0.01
464	4.4	0.0	2.00	0.00	2.40	0.15	0.45	0.00
465	2.9	0.0	1.38	0.00	3.71	0.17	0.22	0.03
466	3.8	0.0	1.94	0.00	1.36	0.09	0.00	0.02
467	5.4	0.0	1.76	0.00	1.89	0.29	0.08	0.08
468	2.4	0.0	2.58	0.00	1.93	0.05	0.14	0.00
469	3.5	0.0	1.34	0.00	2.77	0.13	0.15	0.00
470	3.1	0.0	2.09	0.00	2.60	0.36	0.05	0.00
471	3.4	0.0	2.26	0.00	2.07	0.09	0.26	0.02
472	4.0	0.0	1.53	0.00	3.26	0.10	0.20	0.00
473	2.7	0.0	2.47	0.00	2.34	0.18	0.18	0.03
474	1.8	0.0	2.05	0.00	1.76	0.37	0.22	0.00
475	2.4	0.0	1.46	0.00	3.57	0.37	0.67	0.03
476	2.5	0.0	2.22	0.00	3.24	0.27	0.27	0.00
477	2.4	0.0	1.67	0.00	1.46	0.10	0.17	0.00
MEAN	3.3	0.0	2.02	0.00	2.35	0.18	0.22	0.02
SD	0.91	0.00	0.669	0.003	0.812	0.114	0.179	0.026
N	35	35	35	35	35	35	35	35

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-F:150 PPM								
478	3.0	0.0	1.48	0.00	1.92	0.13	0.25	0.02
479	2.8	0.0	1.90	0.00	1.58	0.15	0.14	0.01
480	3.0	0.0	2.54	0.00	1.78	0.16	0.02	0.00
481	2.6	0.0	2.79	0.00	3.47	0.20	0.34	0.00
483	2.0	0.0	3.88	0.00	1.34	0.31	0.17	0.00
484	3.3	0.0	1.77	0.00	1.31	0.26	0.07	0.00
485	3.9	0.1	3.66	0.00	2.96	0.22	0.52	0.04
486	2.1	0.0	2.33	0.00	2.09	0.12	0.26	0.00
488	1.4	0.0	3.05	0.00	2.38	0.26	0.12	0.00
489	3.0	0.0	2.20	0.00	1.50	0.06	0.18	0.06
490	2.3	0.0	1.13	0.00	1.21	0.14	0.22	0.00
491	2.6	0.0	1.44	0.00	0.60	0.17	0.14	0.05
492	3.1	0.0	2.62	0.00	1.89	0.29	0.07	0.02
494	4.9	0.0	3.92	0.00	3.18	0.15	0.11	0.04
495	2.5	0.0	2.63	0.00	5.10	0.17	0.59	0.00
496	3.4	0.0	2.00	0.00	2.21	0.04	0.25	0.00
497	2.6	0.0	1.80	0.00	1.86	0.24	0.10	0.00
498	3.1	0.0	1.35	0.00	1.36	0.12	0.17	0.00
499	2.4	0.0	1.44	0.00	1.87	0.13	0.09	0.07
500	3.3	0.0	1.57	0.00	0.70	0.12	0.09	0.01
501	2.3	0.0	1.52	0.00	1.92	0.14	0.42	0.00
502	--	--	--	--	--	--	--	--
503	3.3	0.0	2.34	0.00	1.63	0.26	0.06	0.00
504	2.2	0.0	1.26	0.00	1.36	0.23	0.04	0.00
505	1.4	0.0	3.46	0.00	2.43	0.26	0.19	0.06
507	3.8	0.0	1.94	0.00	0.72	0.14	0.20	0.01
508	2.0	0.0	1.56	0.00	2.17	0.20	0.16	0.00
509	3.4	0.0	1.07	0.00	0.67	0.09	0.05	0.01
510	3.0	0.0	1.76	0.00	1.46	0.10	0.08	0.10
511	3.3	0.0	2.55	0.00	2.08	0.23	0.12	0.03
512	3.7	0.0	1.58	0.00	1.65	0.03	0.07	0.07
513	3.3	0.1	2.47	0.00	1.61	0.02	0.13	0.06
514	3.2	0.0	2.25	0.00	1.14	0.28	0.13	0.00
515	6.1	0.0	3.39	0.00	4.66	0.35	0.40	0.00
516	3.5	0.0	2.79	0.00	1.36	0.09	0.15	0.00
MEAN	3.0	0.0	2.22	0.00	1.92	0.17	0.18	0.02
SD	0.90	0.02	0.800	0.000	1.002	0.084	0.135	0.028
N	34	34	34	34	34	34	34	34

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 4-F:450 PPM								
517	3.1	0.0	2.25	0.00	1.95	0.32	0.05	0.02
518	3.3	0.0	2.52	0.00	2.25	0.07	0.05	0.00
521	1.9	0.0	4.06	0.00	3.20	0.57	0.37	0.00
522	2.5	0.3	1.63	0.00	1.50	0.15	0.02	0.00
523	2.7	0.0	2.10	0.00	3.45	0.18	0.21	0.06
524	5.8	0.0	3.35	0.00	1.11	0.51	0.41	0.03
525	2.6	0.0	1.88	0.00	1.81	0.45	0.07	0.00
526	4.0	0.0	1.51	0.00	1.53	0.10	0.24	0.02
527	2.6	0.0	2.16	0.00	0.94	0.24	0.66	0.00
528	2.1	0.0	2.92	0.00	2.17	0.25	0.14	0.03
529	2.4	0.0	4.06	0.00	3.85	0.33	0.21	0.04
530	2.4	0.2	4.28	0.00	2.07	0.31	0.14	0.00
531	4.2	0.0	3.01	0.00	3.43	0.35	0.17	0.04
532	2.7	0.0	2.75	0.00	1.67	0.14	0.12	0.02
533	3.8	0.0	2.40	0.00	3.33	0.35	0.32	0.00
534	2.1	0.0	4.90	0.00	4.03	0.44	0.29	0.05
535	2.2	0.0	2.54	0.00	1.79	0.26	0.12	0.00
536	1.5	0.0	2.94	0.00	1.92	0.27	0.27	0.00
537	1.9	0.0	2.08	0.00	3.55	0.26	0.51	0.00
539	1.7	0.0	1.87	0.00	1.81	0.12	0.10	0.02
540	2.1	0.0	2.09	0.00	2.28	0.19	0.14	0.00
541	2.7	0.0	1.26	0.00	2.22	0.11	0.06	0.06
542	2.5	0.0	0.92	0.00	3.47	0.02	0.18	0.00
543	3.6	0.0	0.92	0.00	0.85	0.03	0.08	0.02
544	4.6	0.0	2.24	0.00	1.83	0.17	0.02	0.04
545	1.8	0.0	2.67	0.00	2.40	0.14	0.19	0.00
546	4.3	0.2	4.38	0.00	2.06	0.35	0.10	0.10
547	3.0	0.0	2.09	0.00	1.87	0.28	0.04	0.02
548	1.9	0.0	4.37	0.00	1.27	0.46	0.03	0.06
549	1.3	0.0	2.19	0.00	1.68	0.30	0.11	0.02
550	1.9	0.0	1.72	0.00	1.99	0.23	0.16	0.00
551	3.2	0.0	2.16	0.00	2.86	0.18	0.00	0.00
552	4.4	0.0	2.94	0.00	2.17	0.37	0.17	0.06
553	2.6	0.0	2.15	0.00	2.50	0.20	0.15	0.00
554	5.5	0.0	2.94	0.00	2.76	0.15	0.09	0.06
MEAN	2.9	0.0	2.58	0.00	2.27	0.25	0.17	0.02
SD	1.11	0.07	0.991	0.000	0.831	0.134	0.144	0.026
N	35	35	35	35	35	35	35	35

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: FEMALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-F:2500 PPM								
568	2.9	0.0	1.62	0.00	1.85	0.18	0.23	0.02
569	1.9	0.0	1.66	0.00	2.83	0.02	0.26	0.02
571	3.6	0.0	3.74	0.00	2.08	0.22	0.35	0.00
572	3.0	0.0	1.48	0.00	1.22	0.26	0.37	0.07
573	2.0	0.0	2.79	0.00	2.54	0.23	0.14	0.00
574	3.6	0.0	2.25	0.00	1.66	0.17	0.10	0.02
575	4.9	0.0	2.14	0.00	1.95	0.14	0.34	0.02
576	1.7	0.0	0.97	0.00	1.86	0.01	0.15	0.00
577	4.0	0.0	1.63	0.00	1.71	0.23	0.23	0.00
578	3.3	0.0	1.22	0.00	1.51	0.09	0.09	0.00
579	2.7	0.0	1.57	0.00	3.23	0.00	0.10	0.00
580	2.9	0.1	2.31	0.00	3.62	0.13	0.64	0.00
581	3.4	0.0	1.49	0.00	1.63	0.14	0.21	0.04
582	1.9	0.0	1.41	0.00	1.15	0.10	0.24	0.00
584	5.0	0.0	1.16	0.00	2.90	0.09	0.15	0.00
585	4.2	0.0	1.58	0.00	1.39	0.12	0.00	0.00
586	2.6	0.1	1.37	0.00	1.42	0.07	0.45	0.00
587	5.4	0.0	2.50	0.00	1.09	0.25	0.04	0.02
588	2.9	0.0	1.17	0.00	2.24	0.22	0.06	0.02
589	3.2	0.0	1.38	0.00	2.32	0.22	0.39	0.00
590	3.5	0.0	1.70	0.00	3.51	0.14	0.03	0.03
591	2.3	0.0	1.96	0.00	2.00	0.02	0.30	0.02
592	3.6	0.0	2.10	0.00	2.70	0.03	0.17	0.00
556	2.8	0.0	1.27	0.00	2.40	0.20	0.04	0.00
557	2.6	0.0	2.77	0.00	4.09	0.23	0.38	0.04
558	2.4	0.3	2.63	0.00	1.98	0.31	0.26	0.03
559	2.0	0.0	1.68	0.00	3.27	0.17	0.39	0.00
560	4.6	0.1	1.20	0.00	1.46	0.06	0.08	0.00
561	1.8	0.0	1.48	0.00	1.98	0.05	0.09	0.00
562	4.5	0.0	1.53	0.00	1.65	0.15	0.03	0.03
563	2.0	0.0	1.56	0.00	3.03	0.13	0.31	0.08
564	2.7	0.0	4.70	0.00	1.13	0.09	0.18	0.00
565	2.4	0.0	1.12	0.00	1.66	0.14	0.19	0.00
566	4.0	0.0	1.30	0.00	1.55	0.19	0.06	0.00
567	1.3	0.0	4.81	0.00	0.32	0.27	0.00	0.00
MEAN	3.1	0.0	1.92	0.00	2.08	0.14	0.20	0.01
SD	1.03	0.06	0.921	0.000	0.834	0.082	0.150	0.020
N	35	35	35	35	35	35	35	35

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: WHITE BLOOD CELLS (10-3)					
MEAN	4.9	4.8	4.5	5.3	4.4
SD	1.66	1.28	1.71	1.57	1.20
N	35	35	34	35	35
Test: RED BLOOD CELLS (10-6)					
MEAN	7.97	8.17	7.99	8.17	7.94
SD	0.407	0.440	0.360	0.555	0.365
N	35	35	34	35	35
Test: HEMOGLOBIN (g/dL)					
MEAN	16.2	16.4	16.2	16.4	16.1
SD	0.63	0.78	0.67	1.01	0.78
N	35	35	34	35	35
Test: HEMATOCRIT (%)					
MEAN	47.8	48.8	48.0	48.5	47.9
SD	2.12	2.47	1.89	3.02	1.95
N	35	35	34	35	35
Test: MEAN CELL VOLUME (UM3)					
MEAN	60	60	60	59	60
SD	1.7	1.6	1.8	1.9	1.6
N	35	35	34	35	35
Test: MEAN CELL HEMOGLOBIN (UUG)					
MEAN	20.3	20.1	20.3	20.1	20.3
SD	0.60	0.67	0.64	0.74	0.69
N	35	35	34	35	35

WBC corrected for NRBC > 0

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: MEAN CELL HEMOGLOBIN CONCENTRATION (g/dL)					
MEAN	33.9	33.6	33.9	33.8	33.5*
SD	0.51	0.57	0.53	0.61	0.72
N	35	35	34	35	35
Test: PLATELETS (10-3)					
MEAN	700	706	667	768*	697
SD	92.2	82.4	107.4	88.1	89.1
N	30	32	27	30	32
Test: RETICULOCYTES (%)					
MEAN	3.1	3.3	3.0	2.9	3.1
SD	0.92	0.91	0.90	1.11	1.03
N	35	35	34	35	35
Test: HEINZ BODIES (%)					
MEAN	0.0	0.0	0.0	0.0	0.0
SD	0.10	0.00	0.02	0.07	0.06
N	35	35	34	35	35
Test: ABSOLUTE SEGMENTED CELL COUNT (CLS X 10-3)					
MEAN	2.13	2.02	2.22	2.58	1.92
SD	1.159	0.669	0.800	0.991	0.921
N	35	35	34	35	35
Test: ABSOLUTE BAND CELL COUNT (CLS X 10-3)					
MEAN	0.00	0.00	0.00	0.00	0.00
SD	0.006	0.003	0.000	0.000	0.000
N	35	35	34	35	35

*-Significant Difference from Control P < .05

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

GROUP(s):	1-F 0 PPM	2-F 0 PPM	3-F 150 PPM	4-F 450 PPM	5-F 2500 PPM
Test: ABSOLUTE LYMPHOCYTE COUNT (CLS X 10-3)					
MEAN	2.30	2.35	1.92	2.27	2.08
SD	0.900	0.812	1.002	0.831	0.834
N	35	35	34	35	35
Test: ABSOLUTE MONOCYTE COUNT (CLS X 10-3)					
MEAN	0.22	0.18	0.17	0.25	0.14*
SD	0.151	0.114	0.084	0.134	0.082
N	35	35	34	35	35
Test: ABSOLUTE EOSINOPHILE COUNT (CLS X 10-3)					
MEAN	0.28	0.22	0.18	0.17	0.20
SD	0.275	0.179	0.135	0.144	0.150
N	35	35	34	35	35
Test: ABSOLUTE BASOPHILE COUNT (CLS X 10-3)					
MEAN	0.01	0.02	0.02	0.02	0.01
SD	0.015	0.026	0.028	0.026	0.020
N	35	35	34	35	35

*-Significant Difference from Control P < .05

(REPORT CONTINUED)

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

WHITE BLOOD CELLS

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	172.8	4.9	1.66				TREATMENTS	4	18.82	4.70
2-F	35	167.4	4.8	1.28				ERROR	169	378.17	2.24
3-F	34	153.3	4.5	1.71							
4-F	35	185.4	5.3	1.57				TOTAL	173	396.99	
5-F	35	152.7	4.4	1.20							

F Ratio = 2.10 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 31.299 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

RED BLOOD CELLS

1-F	35	278.86	7.97	0.407				TREATMENTS	4	1.79	0.45
2-F	35	286.08	8.17	0.440				ERROR	169	31.50	0.19
3-F	34	271.83	7.99	0.360							
4-F	35	285.78	8.17	0.555				TOTAL	173	33.29	
5-F	35	277.80	7.94	0.365							

F Ratio = 2.40 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 5.365 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

HEMOGLOBIN

1-F	35	566.1	16.2	0.63				TREATMENTS	4	2.91	0.73
2-F	35	573.3	16.4	0.78				ERROR	169	104.77	0.62
3-F	34	552.1	16.2	0.67							
4-F	35	574.2	16.4	1.01				TOTAL	173	107.67	
5-F	35	562.1	16.1	0.78							

F Ratio = 1.17 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 4.845 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEMATOCRIT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	1671.6	47.8	2.12				TREATMENTS	4	24.77	6.19
2-F	35	1706.3	48.8	2.47				ERROR	169	916.88	5.43
3-F	34	1630.6	48.0	1.89							
4-F	35	1697.5	48.5	3.02				TOTAL	173	941.65	
5-F	35	1678.1	47.9	1.95							

F Ratio = 1.14 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 4.834 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

MEAN CELL VOLUME

1-F	35	2102	60	1.7				TREATMENTS	4	20.87	5.22
2-F	35	2090	60	1.6				ERROR	169	506.00	2.99
3-F	34	2040	60	1.8							
4-F	35	2079	59	1.9				TOTAL	173	526.87	
5-F	35	2115	60	1.6							

F Ratio = 1.74 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 2.888 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

MEAN CELL HEMOGLOBIN

1-F	35	711.5	20.3	0.60				TREATMENTS	4	2.18	0.54
2-F	35	701.8	20.1	0.67				ERROR	169	75.76	0.45
3-F	34	691.0	20.3	0.64							
4-F	35	704.1	20.1	0.74				TOTAL	173	77.93	
5-F	35	708.9	20.3	0.69							

F Ratio = 1.21 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 3.312 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

MEAN CELL HEMOGLOBIN CONCENTRA

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	1186.1	33.9	0.51						TREATMENTS	4	4.35	1.09
2-F	35	1176.6	33.6	0.57	1.9	34.0	34.0	33.0	34.0	ERROR	169	59.12	0.35
3-F	34	1151.6	33.9	0.53	0.1	34.0	34.0	33.0	34.0				
4-F	35	1184.2	33.8	0.61	0.4	34.0	34.0	33.0	34.0	TOTAL	173	63.48	
5-F	35	1172.2	33.5	0.72	2.8	34.0	34.0*	33.0	34.0				

F Ratio = 3.11 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 1.753 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

PLATELETS

1-F	30	21004	700	92.2						TREATMENTS	4	158194	39548
2-F	32	22576	706	82.4	0	643	757	630	770	ERROR	146	1228107	8412
3-F	27	18014	667	107.4	1	641	759	627	773				
4-F	30	23032	768	88.1	3	642	758*	629	771	TOTAL	150	1386300	
5-F	32	22293	697	89.1	0	643	757	630	770				

F Ratio = 4.70 'F' table values F.01 = 3.47 F.05 = 2.44
Coeff. Var. % = 12.953 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

RETICULOCYTES

1-F	35	109.2	3.1	0.92						TREATMENTS	4	3.98	0.00
2-F	35	116.8	3.3	0.91						ERROR	169	161.55	0.96
3-F	34	101.8	3.0	0.90									
4-F	35	100.9	2.9	1.11						TOTAL	173	165.53	
5-F	35	107.6	3.1	1.03									

F Ratio = 1.04 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 31.722 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

*-Significant Difference from Control P < .05 Source-Source of Variation
Error-within groups Treatments-between groups

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

HEINZ BODIES

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	1.3	0.0	0.10						TREATMENTS	4	0.029	0.007
2-F	35	0.0	0.0	0.00						ERROR	169	0.646	0.004
3-F	34	0.2	0.0	0.02									
4-F	35	0.7	0.0	0.07						TOTAL	173	0.675	
5-F	35	0.6	0.0	0.06									

F Ratio = 1.88 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 384.281 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE SEGMENTED CELL COUNT

1-F	35	74.49	2.13	1.159						TREATMENTS	4	8.94	2.23
2-F	35	70.69	2.02	0.669	0.49	2.00	3.00	1.00	3.00	ERROR	169	144.27	0.85
3-F	34	75.44	2.22	0.800	0.41	2.00	3.00	1.00	3.00				
4-F	35	90.25	2.58	0.991	2.04	2.00	3.00	1.00	3.00	TOTAL	173	153.21	
5-F	35	67.25	1.92	0.921	0.94	2.00	3.00	1.00	3.00				

F Ratio = 2.62 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 42.517 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE BAND CELL COUNT

1-F	35	0.06	0.00	0.006						TREATMENTS	4	0.00008	0.00002
2-F	35	0.02	0.00	0.003						ERROR	169	0.00149	0.00001
3-F	34	0.00	0.00	0.000									
4-F	35	0.00	0.00	0.000						TOTAL	173	0.00156	
5-F	35	0.00	0.00	0.000									

F Ratio = 2.20 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 644.887 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

Error-within groups
Source-Source of Variation
Treatments-between groups

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE LYMPHOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	80.56	2.30	0.900						TREATMENTS	4	4.48	1.12
2-F	35	82.17	2.35	0.812						ERROR	169	130.21	0.77
3-F	34	65.17	1.92	1.002									
4-F	35	79.57	2.27	0.831						TOTAL	173	134.69	
5-F	35	72.93	2.08	0.834									

F Ratio = 1.45 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 40.150 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE MONOCYTE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	7.55	0.22	0.151						TREATMENTS	4	0.25	0.06
2-F	35	6.19	0.18	0.114	1.39	0.00	0.00	0.00	0.00	ERROR	169	2.30	0.01
3-F	34	5.86	0.17	0.084	1.54	0.00	0.00	0.00	0.00				
4-F	35	8.85	0.25	0.134	1.33	0.00	0.00	0.00	0.00	TOTAL	173	2.54	
5-F	35	5.07	0.14	0.082	2.54	0.00	0.00*	0.00	0.00				

F Ratio = 4.57 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 60.513 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

ABSOLUTE EOSINOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%-	HI	LO -99%-	HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	9.89	0.28	0.275						TREATMENTS	4	0.28	0.07
2-F	35	7.71	0.22	0.179						ERROR	169	5.73	0.03
3-F	34	6.10	0.18	0.135									
4-F	35	5.99	0.17	0.144						TOTAL	173	6.01	
5-F	35	7.05	0.20	0.150									

F Ratio = 2.03 'F' table values F.01 = 3.44 F.05 = 2.43
Coeff. Var. % = 87.242 Dunnett's 'T' table values P.01 = 3.00 P.05 = 2.44

*-Significant Difference from Control P < .05 Source-Source of Variation
Error-within groups Treatments-between groups

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

SUMMARY REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER, 1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: FEMALE

ANALYSIS OF VARIANCE FOLLOWED BY DUNNETT'S PROCEDURE

ABSOLUTE BASOPHILE COUNT

Group	N	Total	Mean	Std. Dev.	DUNNETT'S 't'	DUNNETT'S RANGES LO -95%- HI	LO -99%- HI	Source	Degree Fdm	Sum of Squares	Mean Square
1-F	35	0.30	0.01	0.015				TREATMENTS	4	0.0039	0.0010
2-F	35	0.60	0.02	0.026				ERROR	169	0.0942	0.0006
3-F	34	0.66	0.02	0.028							
4-F	35	0.77	0.02	0.026				TOTAL	173	0.0982	
5-F	35	0.46	0.01	0.020							

F Ratio =	1.76	'F' table values	F.01 =	3.44	F.05 =	2.43
Coeff. Var. % =	147.276	Dunnett's 'T' table values	P.01 =	3.00	P.05 =	2.44

Error-within groups
Source-Source of Variation

Treatments-between groups

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 1-M:CONTROL								
300	4.7	7.51	16.4	47.3	63	21.8	34.7	594
301	7.8	8.89	16.9	51.0	57	19.0	33.1	406
302	3.3	8.66	17.0	51.2	59	19.6	33.2	658
303	3.3	7.47	15.7	46.0	62	21.0	34.1	644
304	4.1	8.31	16.5	49.0	59	19.9	33.7	560
305	--	--	--	--	--	--	--	--
306	6.2	8.01	15.5	45.2	56	19.4	34.3	912
307	3.4	7.52	15.3	47.6	63	20.3	32.1	674
308	4.2	8.48	16.5	49.6	58	19.5	33.3	555
309	6.0	8.24	17.1	50.2	61	20.8	34.1	--
310	3.0	8.24	17.2	49.7	60	20.9	34.6	766
311	4.6	7.43	15.6	46.8	63	21.0	33.3	581
312	5.9	7.31	16.1	46.6	64	22.0	34.5	692
MEAN	4.7	8.01	16.3	48.4	60	20.4	33.8	640
SD	1.48	0.541	0.67	2.02	2.6	0.97	0.77	129.6
N	12	12	12	12	12	12	12	11
GROUP: 2-M:CONTROL								
313	6.2	9.22	18.2	55.2	60	19.7	33.0	813
314	4.3	8.58	17.0	49.6	58	19.8	34.3	606
315	4.9	8.15	16.9	48.9	60	20.7	34.6	648
316	3.1	8.00	16.2	48.1	60	20.2	33.7	610
317	2.9	8.64	17.5	51.2	59	20.3	34.2	554
318	3.0	8.20	17.3	50.5	62	21.1	34.3	748
319	2.8	7.77	16.3	47.1	61	21.0	34.6	555
320	3.6	8.10	15.9	47.0	58	19.6	33.8	692
321	3.7	7.53	15.7	45.6	61	20.8	34.4	698
322	5.2	8.67	17.2	49.9	58	19.8	34.5	973
323	2.9	8.35	16.8	49.5	59	20.1	33.9	688
324	2.3	8.82	16.9	53.3	60	19.2	31.7	690
325	4.2	7.59	15.6	45.6	60	20.6	34.2	604
MEAN	3.8	8.28	16.7	49.3	60	20.2	33.9	683
SD	1.13	0.499	0.76	2.82	1.3	0.59	0.80	114.5
N	13	13	13	13	13	13	13	13

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER,1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 3-M:150 PPM								
326	1.3	8.58	17.1	52.0	61	19.9	32.9	--
327	1.4	8.82	17.5	53.4	61	19.8	32.8	621
328	7.2	7.83	16.0	48.2	62	20.4	33.2	835
329	4.9	8.37	17.3	53.3	64	20.7	32.5	525
330	4.8	8.22	18.3	53.6	65	22.3	34.1	731
331	2.7	8.33	17.4	52.3	63	20.9	33.3	778
332	5.5	8.04	16.8	49.9	62	20.9	33.7	642
333	4.6	8.58	18.3	54.0	63	21.3	33.9	594
334	6.8	8.25	17.0	50.0	61	20.6	34.0	636
335	3.8	8.05	16.9	49.2	61	21.0	34.3	815
336	2.6	8.59	17.7	52.3	61	20.6	33.8	730
337	3.5	7.82	15.5	46.1	59	19.8	33.6	726
338	2.3	9.06	17.5	52.5	58	19.3	33.3	572
MEAN	4.0	8.35	17.2	51.3	62	20.6	33.5	684
SD	1.89	0.371	0.79	2.41	1.9	0.78	0.55	99.5
N	13	13	13	13	13	13	13	12
GROUP: 4-M:450 PPM								
339	3.9	8.20	16.5	48.6	59	20.1	34.0	675
340	4.6	7.62	15.9	48.6	64	20.9	32.7	657
341	6.3	8.37	16.3	49.3	59	19.5	33.1	645
342	4.5	7.31	15.0	44.6	61	20.5	33.6	753
343	3.5	7.28	15.5	45.5	62	21.3	34.1	--
344	4.5	8.26	16.7	50.0	61	20.2	33.4	601
345	6.5	7.95	16.4	48.5	61	20.6	33.8	599
346	4.0	8.62	17.3	51.3	60	20.1	33.7	--
347	6.4	8.46	16.9	50.2	59	20.0	33.7	748
348	5.8	8.12	16.1	48.3	59	19.8	33.3	748
349	5.2	7.76	16.8	49.0	63	21.6	34.3	735
350	3.1	8.83	17.6	53.0	60	19.9	33.2	781
351	2.1	8.78	17.4	52.2	59	19.8	33.3	881
MEAN	4.6	8.12	16.5	49.2	61	20.3	33.6	711
SD	1.36	0.513	0.75	2.35	1.7	0.62	0.44	84.9
N	13	13	13	13	13	13	13	11

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	WBC 10-3	RBC 10-6	HGB g/dL	HCT %	MCV UM3	MCH UUG	MCHC g/dL	PLT 10-3
GROUP: 5-M:2500 PPM								
352	3.8	8.27	16.5	50.3	61	20.0	32.8	638
353	4.8	8.34	16.2	48.4	58	19.4	33.5	616
354	9.1	8.23	16.6	48.9	59	20.2	33.9	681
355	5.3	8.22	17.1	51.0	62	20.8	33.5	--
356	6.1	7.32	15.3	45.1	62	20.9	33.9	637
357	5.9	8.54	16.5	49.6	58	19.3	33.3	673
358	6.6	7.57	15.9	46.8	62	21.0	34.0	670
359	4.1	8.34	16.8	50.3	60	20.1	33.4	--
360	2.1	8.84	17.7	53.5	61	20.0	33.1	705
361	3.4	7.97	16.6	48.9	61	20.8	33.9	543
362	4.2	7.66	16.1	47.6	62	21.0	33.8	662
363	4.2	7.73	16.2	48.3	62	21.0	33.5	518
364	4.5	7.73	16.6	49.1	64	21.5	33.8	663
MEAN	4.9	8.06	16.5	49.1	61	20.5	33.6	637
SD	1.74	0.435	0.58	2.06	1.8	0.68	0.36	58.0
N	13	13	13	13	13	13	13	11

WBC corrected for NRBC > 0

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER,1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 1-M:CONTROL								
300	2.5	0.0	1.93	0.00	2.44	0.14	0.14	0.05
301	2.0	0.0	2.30	0.00	4.84	0.04	0.62	0.00
302	2.9	0.0	1.04	0.00	2.11	0.07	0.08	0.00
303	2.4	0.0	1.80	0.00	1.35	0.08	0.05	0.02
304	4.5	0.0	2.01	0.00	1.84	0.18	0.04	0.02
305	--	--	--	--	--	--	--	--
306	2.1	0.0	4.49	0.00	1.18	0.40	0.12	0.00
307	1.4	0.0	1.34	0.00	1.76	0.06	0.22	0.02
308	2.7	0.0	2.67	0.00	1.22	0.15	0.17	0.00
309	3.8	0.0	3.00	0.00	2.67	0.09	0.18	0.06
310	3.7	0.0	1.20	0.00	1.33	0.10	0.34	0.01
311	1.5	0.1	2.41	0.00	1.93	0.07	0.16	0.02
312	3.1	0.0	2.45	0.00	3.22	0.03	0.18	0.03
MEAN	2.7	0.0	2.22	0.00	2.16	0.12	0.19	0.02
SD	0.94	0.03	0.933	0.000	1.051	0.100	0.157	0.020
N	12	12	12	12	12	12	12	12
GROUP: 2-M:CONTROL								
313	2.9	0.0	3.87	0.00	2.08	0.15	0.06	0.03
314	3.3	0.0	2.11	0.00	1.85	0.15	0.15	0.04
315	3.1	0.0	2.96	0.00	1.57	0.20	0.15	0.02
316	1.2	0.0	1.72	0.00	1.18	0.08	0.09	0.03
317	3.5	0.0	1.44	0.00	1.16	0.06	0.20	0.04
318	3.6	0.0	2.17	0.00	0.63	0.18	0.01	0.00
319	3.7	0.0	1.01	0.00	1.61	0.13	0.06	0.00
320	1.7	0.0	2.14	0.00	1.10	0.27	0.07	0.02
321	3.2	0.0	1.78	0.00	1.67	0.22	0.02	0.02
322	3.3	0.0	2.16	0.00	2.70	0.16	0.18	0.00
323	2.8	0.0	1.51	0.00	1.23	0.10	0.03	0.03
324	4.3	0.0	0.82	0.00	1.36	0.03	0.08	0.01
325	4.5	0.0	2.10	0.00	1.72	0.08	0.19	0.10
MEAN	3.2	0.0	1.98	0.00	1.53	0.14	0.10	0.03
SD	0.91	0.00	0.794	0.000	0.517	0.069	0.067	0.026
N	13	13	13	13	13	13	13	13

(--) - Data Unavailable

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER,1995

STUDY ID: DIMP
STUDY NO: TP-001
SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 3-M:150 PPM								
326	2.1	0.0	0.56	0.00	0.68	0.03	0.00	0.03
327	2.0	0.2	0.46	0.00	0.91	0.03	0.00	0.00
328	1.7	0.0	2.95	0.00	3.74	0.22	0.25	0.04
329	3.0	0.1	3.38	0.00	1.00	0.29	0.22	0.00
330	4.4	0.0	2.23	0.00	2.28	0.17	0.05	0.07
331	3.8	0.0	1.31	0.00	1.19	0.12	0.07	0.01
332	3.1	0.0	2.72	0.00	2.17	0.25	0.36	0.00
333	3.3	0.0	3.13	0.00	1.17	0.07	0.16	0.07
334	5.7	0.0	3.67	0.00	2.48	0.34	0.31	0.00
335	4.7	0.0	2.41	0.00	1.08	0.19	0.09	0.02
336	4.1	0.0	1.13	0.00	1.20	0.17	0.06	0.04
337	2.3	0.0	1.91	0.00	1.28	0.19	0.10	0.02
338	2.3	0.0	1.70	0.00	0.37	0.16	0.05	0.02
MEAN	3.3	0.0	2.12	0.00	1.50	0.17	0.13	0.02
SD	1.21	0.06	1.049	0.000	0.918	0.093	0.118	0.025
N	13	13	13	13	13	13	13	13
GROUP: 4-M:450 PPM								
339	2.3	0.2	1.93	0.00	1.64	0.21	0.12	0.00
340	6.9	0.1	1.77	0.00	2.39	0.18	0.25	0.00
341	2.2	0.2	2.87	0.00	2.99	0.16	0.25	0.03
342	1.6	0.3	2.70	0.00	1.55	0.14	0.09	0.02
343	1.6	0.0	2.01	0.00	1.31	0.10	0.07	0.00
344	2.9	0.0	1.82	0.00	2.00	0.36	0.32	0.00
345	3.9	0.0	4.42	0.00	1.72	0.29	0.07	0.00
346	4.8	0.0	2.52	0.00	0.98	0.32	0.18	0.00
347	4.8	0.0	3.23	0.00	2.75	0.29	0.13	0.00
348	3.4	0.0	3.97	0.00	1.39	0.23	0.17	0.03
349	3.0	0.0	1.90	0.00	2.83	0.36	0.08	0.03
350	3.3	0.2	1.32	0.00	1.58	0.05	0.09	0.06
351	2.4	0.0	1.07	0.00	0.92	0.06	0.02	0.02
MEAN	3.3	0.1	2.43	0.00	1.85	0.21	0.14	0.01
SD	1.50	0.11	0.993	0.000	0.691	0.108	0.088	0.019
N	13	13	13	13	13	13	13	13

PATHOLOGY ASSOCIATES INTERNATIONAL
TWO-GENERATION REPRODUCTIVE STUDY IN MINK FED
DIISOPROPYL METHYLPHOSPHONATE (DIMP)
STUDY NUMBER TP-001

INDIVIDUAL ANIMAL REPORT - HEMATOLOGY (F1)
PERIOD: SEPTEMBER,1995

STUDY ID: DIMP
STUDY NO: TP-001

SEX: MALE

Animal ID	RETIC %	HNZB %	ASEGS CLS X 10-3	ABANDS CLS X 10-3	ALYMPH CLS X 10-3	AMONO CLS X 10-3	AEOS CLS X 10-3	ABASO CLS X 10-3
GROUP: 5-M:2500 PPM								
352	2.8	0.6	1.12	0.00	2.43	0.11	0.13	0.00
353	2.7	0.0	1.94	0.00	2.21	0.31	0.34	0.00
354	5.2	0.0	2.91	0.00	5.37	0.50	0.32	0.00
355	2.7	0.2	1.91	0.00	3.10	0.16	0.11	0.03
356	3.4	0.2	3.05	0.00	2.38	0.21	0.43	0.03
357	2.1	0.0	2.51	0.00	2.68	0.24	0.44	0.03
358	7.1	0.0	3.07	0.00	3.04	0.33	0.16	0.00
359	3.8	0.0	1.58	0.00	2.23	0.18	0.08	0.02
360	4.7	0.0	1.10	0.00	0.80	0.13	0.05	0.02
361	7.0	0.0	1.80	0.00	1.33	0.15	0.12	0.00
362	2.9	0.3	1.78	0.00	2.16	0.13	0.13	0.00
363	4.3	0.0	2.08	0.00	1.83	0.21	0.08	0.00
364	6.5	0.2	2.75	0.00	1.40	0.32	0.02	0.02
MEAN	4.2	0.1	2.12	0.00	2.38	0.23	0.19	0.01
SD	1.74	0.18	0.681	0.000	1.116	0.110	0.145	0.013
N	13	13	13	13	13	13	13	13