

Historical Control Data
on Histological Findings in 13-Weeks Studies
in RccHanTM: WIST, Wistar Hannover Rats
Recovery

Compiled from 13 weeks Bioassays performed at Harlan Laboratories Ltd. Itingen/Switzerland

Study Identification

Study	ID Nr.	Data of Performance	Recovery	Study Type	Age/Delivery (weeks)	Pretest/Acclimatization (days)	Body Weight: Delivery (g)		Housing	Diet	Vehicle	Pathologist
							M	F				
740891	1	July- Nov 1999	<input type="checkbox"/>	Gavage	17	7	314 – 437	n.d.	Group	Kliba 3433	0.5% CMC	WEK
740687	2	Oct.1999 - Jan. 2000	<input type="checkbox"/>	Gavage	6	7	127 – 167	109 – 140	Group	Kliba 3433	1 % CMC in bi-distilled water	WEK
718075	3	May - Aug. 1999	<input type="checkbox"/>	Gavage	4	7	65 – 93	54 – 68	Group	Kliba 3433	1% CMC in bi-distilled water	WEK
731676	4	June - Oct. 1999	<input checked="" type="checkbox"/>	Gavage	6	7	134 – 169	100 – 134	Group	Kliba 3433	Soybean oil	JMA
681322	5	May - Aug. 1998	<input type="checkbox"/>	Feeding	4	7	63 – 93	48 – 66	Group	Kliba 3433	microgranulated feed	KHE
699647	6	Oct. 1998 - Jan. 1999	<input type="checkbox"/>	Feeding	4	7	67 – 88	51 – 70	Group	Kliba 3433	microgranulated feed	KHE
713777	7	Nov. 1998 - Feb. 1999	<input type="checkbox"/>	Feeding	6	7	147 – 176	116 – 149	Individually	Kliba 3433	Soybean oil	JMA
651666	8	March - July 1997	<input type="checkbox"/>	Gavage	4	7	63 – 87	45 – 66	Individually	Kliba 3433	Ro 04-9687/placebo	JMA
669104	9	Sept. - Dec. 1997	<input type="checkbox"/>	Gavage	4	7	61 – 90	43 – 67	Individually	Kliba 3433	Ro 04-9687/placebo	JMA
681243	10	Dec. 1997 - April 1998	<input type="checkbox"/>	Gavage	4	7	69 – 97	48 – 71	Group	Kliba 3433	Bi-distilled water	WIL
667326	11	Aug. - Nov. 1997	<input type="checkbox"/>	Gavage	4	7	63 – 83	54 – 72	Group	Kliba 3433	Corn oil (maiz oil)	WEK
667541	12	Dec. 1997 - March 1998	<input type="checkbox"/>	Gavage	4	7	60 – 91	45 – 69	Individually	Kliba 3433	Polyethylene glycol (PEG 400)	HJC
653995	13	March - July 1997	<input type="checkbox"/>	Gavage	4	11	67 – 85	46 – 68	Group	Kliba 3433	0.5% CMC and 0.1% Tween in bidistilled water	VOO
613484	14	June - Oct. 1996	<input type="checkbox"/>	Gavage	4	7	62 – 81	46 – 83	Group	Kliba 3433	50/50 bi-distilled water/ PEG 300	WIL
610918	15	July - Oct. 1996	<input type="checkbox"/>	Gavage	4	7	59 – 91	44 – 70	Group	Kliba 3433	Distilled water	WEK
671152	16	Oct. 1997 - Feb. 1998	<input type="checkbox"/>	Gavage	4	7	61 – 93	46 – 70	Individually	Kliba 3433	PEG 400	HJC
610931	17	Feb. - May 1997	<input type="checkbox"/>	Gavage	4	7	60 – 92	49 – 68	Group	Kliba 3433	Bi-distilled water	JMA
641520	18	March - June 1997	<input type="checkbox"/>	Feeding	4	7	67 – 89	46 – 69	Individually	Kliba 3433	microgranulated feed	JMA

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627873	19	July - Nov. 1996	<input checked="" type="checkbox"/>	s.c.	5	7	136 – 171	121 – 156	Individually	Kliba 3433	VS Placebo PEG Hirudin	VOO
681311	20	April - Aug. 1998	<input type="checkbox"/>	Feeding	4	7	64 – 93	48 – 70	Group	Kliba 3433	microgranulated feed	WIL
379293	21	Jan. - April 1995	<input checked="" type="checkbox"/>	Gavage	4	7	66 – 95	49 – 70	Group	Kliba 3433	Sesame oil	GPZ
714947	22	May - Aug. 1999	<input type="checkbox"/>	Feeding	6	7	130 – 173	103 – 146	Individually	Kliba 3433	microgranulated feed	KHE
753873	23	Dec. 1999 - May 2000	<input checked="" type="checkbox"/>	Gavage	6	7	160 – 207	117 – 160	Group	Kliba 3433	PEG 300	WEK
740417	24	July - Nov. 1999	<input checked="" type="checkbox"/>	Gavage	4	7	61 – 95	48 – 68	Group	Kliba 3433	Cyclohexandiol-Placebo	WIL
736323	25	Sept. 1999 - Jan. 2000	<input type="checkbox"/>	Gavage	6	7	116 – 174	97 – 144	Group	Kliba 3433	1 % CMC in bi-distilled water	RON
758362	26	Feb. - May 2000	<input type="checkbox"/>	Gavage	6	7	125 – 174	107 – 136	Group	Kliba 3433	1 % CMC in bi-distilled water	WEK
762118	27	Jan. - June 2000	<input checked="" type="checkbox"/>	Gavage	4	7	65 – 92	53 – 67	Group	Kliba 3433	PEG 300	WEK
674098	28	Jan. - May 1998	<input checked="" type="checkbox"/>	Gavage	4	7	66 – 94	46 – 69	Group	Kliba 3433	Bi-distilled water	KHE
771513	29	May - Sept. 2000	<input checked="" type="checkbox"/>	Feeding	6	7	130 – 172	105 – 138	Individually	Kliba 3433	microgranulated feed	WEK
743657	30	Sept. 1999 - Jan 2000	<input checked="" type="checkbox"/>	Feeding	6	7	115 – 174	93 – 141	Individually	Kliba 3433	microgranulated feed	JMA
758316	31	Feb. - July 2000	<input checked="" type="checkbox"/>	Gavage	6	7	118 – 162	112 – 142	Group	Kliba 3433	Bi-distilled water	MIP
780131	32	July-Oct. 2001	<input checked="" type="checkbox"/>	Inhalation	♂: 6-8 ♀: 10-12	7	180 – 200	180 – 200	Group	Kliba 3433	Lactose and Lactose / Mg stearate	WEK
835997	33	Oct. 2001 - April 2002	<input checked="" type="checkbox"/>	Inhalation	♂: 6-8 ♀: 10-12	7	180 – 200	180 – 200	Group	Kliba 3433	Formoterol / HFA placebo	WEK
763277	34	Feb. - June 2000	<input checked="" type="checkbox"/>	Gavage	4	7	85 ±20%	60 ±20%	Group	Kliba 3433	CMC	WEK
792808	35	Nov. 2000 - March 2001	<input checked="" type="checkbox"/>	Gavage	4	7	85 ±20%	60 ±20%	Group	Kliba 3433	Bi-distilled water	WEK
781503	36	Aug. - Dec. 2000	<input checked="" type="checkbox"/>	Feeding	5	6	110 ±20%	95 ±20%	Group	Kliba 3433	microgranulated feed	WEK

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841628	37	March – July 2002	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Group	Kliba 3433	PEG 300	WEK
800515	38	Feb. – May 2003	<input type="checkbox"/>	Feeding	4	7	110 ±20%	95 ±20%	Group	Kliba 3433	microgranulated feed	WEK
736806	39	Jan. – April 2000	<input checked="" type="checkbox"/>	i.v.	6	7	115.2–162.6	95.5–145.6	Individually	Kliba 3433	Aqua pro injection	RON
352203	40	Nov. 1993 – April 1994	<input checked="" type="checkbox"/>	Feeding	4	7	64 – 79	50 – 64	Individually	Kliba 3433	microgranulated feed	RHA
773458	41	July – Oct. 2000	<input type="checkbox"/>	Dermal	♂ 9/ ♀ 12	7	209 – 250	200 – 147	Individually	Kliba 3433	Group 02 FK143 gel placebo	HJC
795328	42	Dec. 2000 – April 2001	<input checked="" type="checkbox"/>	Gavage	4	7	70 ±20%	65 ±20%	Group	Kliba 3433	Bi-distilled water	HJC
808560	43	July – Nov. 2001	<input type="checkbox"/>	Gavage	6	7	126 – 159	109 – 136	Group	Kliba 3433	Bi-distilled water	JMA
795025	44	March – July 2001	<input checked="" type="checkbox"/>	Dermal	6	7	150 ±20%	125 ±20%	Individually	Kliba 3433	Corn oil	KHE
793517	45	Dec. 2000 – March 2001	<input checked="" type="checkbox"/>	Feeding	5	7	91 – 123	79 – 102	Individually	Kliba 3433	microgranulated feed	KHE
793528	46	Dec. 2000 – May 2001	<input checked="" type="checkbox"/>	Feeding	4	7	92 – 118	80 – 111	Individually	Kliba 3433	microgranulated feed	KHE
726276	47	March – July 1999	<input checked="" type="checkbox"/>	Gavage	6	7	128 – 164	111 – 132	Group	Kliba 3433	Corn oil	HJC
736334	48	Oct. 1999 – Jan. 2000	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Group	Kliba 3433	1 % CMC in bi-distilled water	RON
843502	49	June - Sep. 2002	<input type="checkbox"/>	Male Fertility	8	7	210-270	170-230	Individually	Kliba 3433	0.5% Methylcellulose in water	WEK
680275	50	April 1998 – April 1999	<input checked="" type="checkbox"/>	Inhalation	6	12	152 – 154	–	Group	Kliba 3433	Air control	HJC
841950	51	Feb. – May 2002	<input type="checkbox"/>	Feeding	5	7	110 ±20%	95 ±20%	Group	Kliba 3433	microgranulated feed	WEK
776608	52	Oct. 2000 – April 2001	<input type="checkbox"/>	Gavage	5	7	110 ±20%	95 ±20%	Group	Kliba 3433	Bi-distilled water	KHE
838844	53	Dec. 2001 – April 2002	<input type="checkbox"/>	Feeding	5	7	95 ±20%	110 ±20%	Group	Kliba 3433	microgranulated feed	WEK
832094	54	July – Oct. 2002	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Group	Kliba 3433	Propylene glycol	HJC

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780131	55	July – Oct. 2001	<input checked="" type="checkbox"/>	Inhalation	♂: 6-8 ♀: 10-12	7	180 – 200	180 – 200	Groups	Kliba 3433	Bi-distilled water and Propylene glycol	WEK
800594	56	May – Sept. 2001	<input checked="" type="checkbox"/>	i.v.	6	7	150 ±20%	125 ±20%	Individually	Kliba 3433	Physiological saline (0.9% NaCl)	HJC
842550	57	Feb. – July 2002	<input checked="" type="checkbox"/>	Gavage	6	7	mean 141.4	mean 118.7	Groups	Kliba 3433	0.9% sodium chloride	MIP
835424	58	Nov. 2001– March 2002	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	PEG 300	MIP
841962	59	Feb. – June 2002	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	WEK
848056	60	March – June 2003	<input type="checkbox"/>	Feeding	5	7	110 ±20%	95 ±20%	Groups	Kliba 3433	microgranulated feed	WEK
841107	61	April – July 2002	<input type="checkbox"/>	Gavage	6	7	129 – 159	109 – 134	Groups	Kliba 3433	PEG 300	HJC
847365	62	May - Aug. 2003	<input checked="" type="checkbox"/>	Gavage	6	6	125.5–154. 2	113.9–131. 0	Groups	Kliba 3433	Bi-distilled water	MIP
843804	63	May – Aug. 2002	<input type="checkbox"/>	Gavage & Feeding	6	7	128 – 158	107 – 136	Groups	Kliba 3433	1% Methylcellulose	RHA
846105	64	Nov. 2002 – Feb. 2003	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Tylose CB 30000P2	WEK
837371	65	March – June 2002	<input checked="" type="checkbox"/>	Inhalation	♂: 6-8 ♀: 10-12	13	180 – 200	180 – 200	Groups	Kliba 3433	Lactose	HJC
846106	66	Dec. 2002 – March 2003	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	1,2-propylene glycol Plantaren 2000 UP Bi-distilled water	MIP
845834	67	Dec. 2002 – March 2003	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	JAG
842710	68	April – July 2003	<input type="checkbox"/>	Feeding	5	7	95.9 – 116.4	81.4 – 97.2	Individually	Kliba 3433	10% PASELLI WA 4	NED
851502	69	Nov. 2003– Feb. 2004	<input checked="" type="checkbox"/>	Gavage	6	7	133.9–161. 2	115.1–133. 1	Groups	Kliba 3433	PEG 300 Hydroxyethylcellulose 0.5 %	JAG
843912	70	July – Oct. 2002	<input checked="" type="checkbox"/>	Gavage	6	11	163 – 202	119 – 162	Groups	NAFAG No. 8900	0.5% (w/v) CMC and 0.1% (w/v) polysorbate 80 in distilled water	KRG
853851	71	July – Dec. 2004	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bidistilled water	VOO
736312	72	Oct.1999 – Jan. 2000	<input type="checkbox"/>	Gavage	6	7	123 – 163	98 – 143	Groups	Kliba 3433	1 % CMC in bi-distilled water	RON

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849234	73	July – Oct. 2003	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Physiological saline (0.9% NaCl)	VOO
741227	74	Aug. – Nov. 1999	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bidistilled water	LE
854116	75	June – Sept. 2004	<input type="checkbox"/>	Gavage	5	7	89.7 – 113.4	87.3 – 105.3	Groups	Kliba 3433	Microgranulated feed	WEK
A29553	76	Dec. 2005 – May 2006	<input checked="" type="checkbox"/>	feeding	6	6	150 ±20%	125 ±20%	Individually	Kliba 3433	Not specified	ROL
A44897	77	Jan.– April 2006	<input checked="" type="checkbox"/>	gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	0.5% Methylcellulose in water	ROL
855195	78	Nov. 2004 – March 2005	<input checked="" type="checkbox"/>	gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	JAG
855195	79	Oct. 2004 – April 2005	<input type="checkbox"/>	gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	NED
B18472	80	Feb.– May 2007	<input checked="" type="checkbox"/>	gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Distilled water	ROL
A05883	81	June - Oct. 2005	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Physiological saline (0.9%NaCl)	PAV
857746	82	Dec. 2004 – April 2005	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	RO4874441-002	JMA
855866	83	Oct. 2004 – Jan. 2005	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	CMC	VOO
859126	84	April - Aug. 2005	<input type="checkbox"/>	Feeding	6	5	150 ±20%	125 ±20%	Groups	Kliba 3433	Microgranulatet feed pellets	ROL
854663	85	Sept. - Dec. 2004	<input checked="" type="checkbox"/>	Gavage	5	7	99.9 – 117.5	87.3 – 102.2	Groups	Kliba 3433	1 % CMC in bi-distilled water	NED
A17910	86	March – July 2006	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	0.4% aqueous solution of ascorbic acid (w/v)1	ROL
A30104	87	April-Aug. 2006	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	HJC
A43108	88	June -Sept. 2006	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	1% CMC	ROL
A43277	89	March-June 2006	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Buffered aqueous solution (ph 7,4)	HJC
A61874	90	June – Oct. 2006	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	KHE

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A62807	91	March-July 2006	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	120 ±20%	Groups	Kliba 3433	Water, adjusted to pH 8,2 with NaOH	JMA
A66791	92	May - Aug. 2006	<input type="checkbox"/>	Feeding	5	?	110 ±20%	95 ±20%	Groups	Kliba 3433	Microgranulatet feed pellets	WEK
A72731	93	July - Nov. 2006	<input checked="" type="checkbox"/>	Gavage	6	7	128.5-159.7	108.8-131.6	Groups	Kliba 3433	Phosphate buffered saline (PBS), pH 7.0	KHE
A76432	94	July - Oct. 2006	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	TAT
B09674	95	Feb. - May 2007	<input checked="" type="checkbox"/>	Gavage	7	7	161.2-185.3	130.9-153.7	Groups	Kliba 3433	Bi-distilled water	WEK
857092	96	Oct. 2004 - April 2005	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	NED
B18977	97	April - July 2007	<input type="checkbox"/>	Feeding	7	7	170 ±20%	140 ±20%	Groups	Kliba 3433	CGA192155	ROL
B19045	98	Jan. - May 2007	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	0.5% Methylcellulose, Polysorbate 80	PAV
844587	99	Sept. 2002 - Nov. 2002	<input type="checkbox"/>	Gavage	8	7	240-280	160-180	Groups	Kliba 3433	food pellets	KOD
B42017	100	July - Oct. 2007	<input checked="" type="checkbox"/>	Gavage	7	7	155-181	125-146	Groups	Kliba 3433	Bi-distilled water	PAV
B46721	101	Oct. 2007- Feb. 2008	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	.	IHI
844029	102	July - Oct. 2002	<input checked="" type="checkbox"/>	Inhalation	♂:6-8; ♀:8-10	3	180 - 200	180 - 200	Groups	Kliba 3433	Bi-distilled water	WEK
376255	103	Nov.1994 - Feb. 1995	<input type="checkbox"/>	Gavage	4	7	80 (±20%)	60 (±20%)	Groups	Kliba 3433	Corn oil	WEK
846105	104	11.-16.April 2003	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	5.0 g CMC	WEK
843949	105	Nov.2002 - March 2003	<input checked="" type="checkbox"/>	Inhalation	♂:6-8; ♀:8-10	14	180 - 200	180 - 200	Groups	Kliba 3433	placebo	JAG
C41540	106	July - November 2009	<input type="checkbox"/>	Feeding	5	7	110 ±20%	95 ±20%	Individually	Kliba 3433	food pellets	WEK
398834	107	n.d.	<input type="checkbox"/>	Gavage	n.d.	n.d.	n.d.	n.d.	Groups	n.d.	n.d.	WEK
800526	108	n.d.	<input type="checkbox"/>	Feeding	n.d.	n.d.	n.d.	n.d.	Groups	n.d.	n.d.	WEK

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B99180	109	Oct. 2008- Jan. 2009	<input type="checkbox"/>	Inhalation	7	6	190 ±20%	150 ±20%	Groups	Kliba 3433	Bi-distilled water	IHI
A87592	110	Mar. 2007 - Jun 2007	<input checked="" type="checkbox"/>	Gavage	♂:7; ♀:9	7	151.6- 189.1	175.3- 201.2	Groups	Kliba 3433	PEG - 200 (used as supplied)	KRG
A61672	111	Mar. 2006 - July 2006	<input type="checkbox"/>	Feeding	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	food pellets	KRG
A44831	112	Mar. 2006 - July 2006	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	120 ±20%	Groups	Kliba 3433	0.5% CMC	MIP
A84431	113	Aug. 2006 - Sept. 2006	<input checked="" type="checkbox"/>	Gavage	6	7	131.-162.6	108.5-134	Groups	Kliba 3433	0.5%MC	KRG
B55664	114	Okt. 2007 - Jan. 2008	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	0.5%MC	KRG
B52615	115	Nov. 2007 - Feb. 2008	<input checked="" type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Phosphate buffer	KRG
859314	116	Mar. 2005 - Sept. 2005	<input checked="" type="checkbox"/>	Feeding	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Microgranulatet feed pellets	VOO
854671	117	Sept. 2004 - Dec. 2004	<input checked="" type="checkbox"/>	Gavage	5	7	110 ±20%	95 ±20%	Groups	Kliba 3433	H ₂ O bidest	PAV
B71302	118	Nov. 2007 - Feb. 2008	<input type="checkbox"/>	Gavage	7	5	190 ±20%	150 ±20%	Groups	Kliba 3433	Bi-distilled water	PAV
B57936	119	Oct. 2007 - Jan. 2008	<input type="checkbox"/>	Feeding	5	6	110 ±20%	95 ±20%	Groups	Kliba 3433	food pellets	WEK
B42816	120	Aug. 2007 - Jan. 2008	<input checked="" type="checkbox"/>	Inhalation	6-10	7	180-200	180-200	Groups	Kliba 3433	placebo	HJC
842010	121	Feb. 2002 - Jun 2002	<input checked="" type="checkbox"/>	Inhalation	7 - 12	7	n.d.	n.d.	Groups	Kliba 3433	Lactose	WEK
A52064	122	Feb. 2008 - April 2008	<input checked="" type="checkbox"/>	Inhalation	7 - 9	7	n.d.	n.d.	Groups	Kliba 3433	Lavadin oil	WEK
C01686	123	Jun. 2008 - Oct. 2008	<input checked="" type="checkbox"/>	Injections	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	S08 Buffer	KRG
A55326	124	April 2006 - July 2008	<input type="checkbox"/>	Feeding	5	6	110 ±20%	95 ±20%	Groups	Kliba 3433	Chlormequat-chloride	KRG
B67432	125	Feb. 2008 - Jun 2008	<input type="checkbox"/>	Feeding	6	7	140 ±20%	110 ±20%	Groups	Kliba 3434	Microgranulatet feed pellets	KRG
B77760	126	May 2008 - Aug. 2008	<input checked="" type="checkbox"/>	Gavage	7	5	190 ±20%	150 ±20%	Groups	Kliba 3433	Bi-distilled water	IHI

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C42214	127	April 2006 - July 2008	<input type="checkbox"/>	Gavage	7	5	190 ±20%	150 ±20%	Groups	Kliba 3433	Saline 0.9%	IHI
A17730	128	Jun. 2006 - Oct. 2006	<input type="checkbox"/>	Gavage	6	7	150 ±20%	125 ±20%	Groups	Kliba 3433	Bi-distilled water	KRG
B96985	129	Aug. 2008 - Dez. 2008	<input checked="" type="checkbox"/>	Gavage	7	5	190 ±20%	150 ±20%	Groups	Kliba 3433	Bi-distilled water	PAV
B84385	130	Mar 2008 - sept. 2008	<input checked="" type="checkbox"/>	Gavage	7	6	190 ±20%	150 ±20%	Groups	Kliba 3433	Acetate buffer solution, adjusted to pH 4.4	PAV
C10343	131	April 2009 - June 2009	<input checked="" type="checkbox"/>	Gavage	7	5	190 ±20%	150 ±20%	Groups	Kliba 3433	PEG 300	PAV
C45500	132	Aug. 2009 - April 2010	<input type="checkbox"/>	Inhalation	8 - 10	14	n.d.	n.d.	Groups	Kliba 3433	Target Aerosol	HJC

n.d.= no data available

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Brain

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	465					
Ventricular dilation	1	0.22	0.24	1.99	0.00	16.67
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Hydrocephalus	3	0.65	0.86	5.31	0.00	40.00
Nerve fiber degeneration	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	425					
Ventricular dilation	0	0.00	0.00	0.00	0.00	0.00
Hemorrhage	1	0.24	0.29	2.41	0.00	20.00
Mononuclear cell foci	1	0.24	0.24	2.01	0.00	16.67
Hydrocephalus	5	1.18	1.40	7.80	0.00	60.00
Nerve fiber degeneration	2	0.47	0.53	3.11	0.00	20.00

Telencephalon

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	82					
Ventricular dilation	1	1.22	1.43	5.35	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	82					
Ventricular dilation	0	0.00	0.00	0.00	0.00	0.00

Spinal cord

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	395					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	355					

Cervical spinal cord

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	133					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	134					

Midthoracic spinal cord

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	133					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	134					

Lumbar spinal cord

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	138					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	139					

Sciatic nerve

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	455					
Nerve fiber degeneration	19	4.18	2.90	8.42	0.00	40.00
Lymphoid cell infiltration	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	415					
Nerve fiber degeneration	18	4.34	2.89	7.51	0.00	40.00
Lymphoid cell infiltration	1	0.24	0.29	2.43	0.00	20.00

Optic nerves

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	424					
Degenerative neuropathy	1	0.24	0.30	2.46	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	384					
Degenerative neuropathy	0	0.00	0.00	0.00	0.00	0.00

Eyes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	442					
Retinal rosettes	2	0.45	0.45	2.74	0.00	20.00
Retinal degeneration	4	0.90	0.91	4.81	0.00	33.33
Hemorrhage	73	16.52	17.58	29.93	0.00	100.00
Hemosiderin macro.	6	1.36	1.31	8.35	0.00	66.67
Inflammatory cell foci	3	0.68	0.91	5.47	0.00	40.00
Corneal erosion	0	0.00	0.00	0.00	0.00	0.00
Corneal hyperplasia	1	0.23	0.30	2.46	0.00	20.00
Periorbital Inflammation	47	10.63	11.72	22.09	0.00	80.00
Retro-orb.hemorrhage	3	0.68	0.91	7.39	0.00	60.00
Fibrosis	4	0.90	0.91	5.18	0.00	40.00
Panophtalmitis	0	0.00	0.00	0.00	0.00	0.00
Phtisis bulbi	1	0.23	0.30	2.46	0.00	20.00
Lense degeneration	1	0.23	0.15	1.23	0.00	10.00
Inflammatory cell infiltration	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	401					
Retinal rosettes	3	0.75	0.67	3.29	0.00	20.00
Retinal degeneration	8	2.00	2.10	7.44	0.00	40.00
Hemorrhage	69	17.21	17.28	32.47	0.00	100.00
Hemosiderin macro.	5	1.25	1.28	10.34	0.00	83.33
Inflammatory cell foci	2	0.50	0.62	4.96	0.00	40.00
Corneal erosion	1	0.25	0.31	2.48	0.00	20.00
Corneal hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Periorbital Inflammation	52	12.97	13.85	24.54	0.00	80.00
Retro-orb.hemorrhage	4	1.00	1.23	9.92	0.00	80.00
Fibrosis	6	1.50	0.92	5.22	0.00	30.00
Panophtalmitis	1	0.25	0.31	2.48	0.00	20.00
Phtisis bulbi	0	0.00	0.00	0.00	0.00	0.00
Lense degeneration	0	0.00	0.00	0.00	0.00	0.00
Inflammatory cell infiltration	2	0.50	0.00	0.00	0.00	0.00

Harderian glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	343					
Glandular dilation	4	1.17	1.47	6.07	0.00	33.33
Porphyrin deposition	109	31.78	31.60	40.83	0.00	100.00
Hemorrhage	22	6.41	6.80	15.44	0.00	60.00
Hemosiderin macro.s	1	0.29	0.33	2.36	0.00	16.67
Mononuclear cell foci	14	4.08	4.53	12.30	0.00	66.67
Inflammatory cell foci	3	0.87	1.20	4.80	0.00	20.00
Necrosis	0	0.00	0.00	0.00	0.00	0.00
Inflammation	24	7.00	6.67	15.96	0.00	60.00
Fibrosis	2	0.58	0.67	4.71	0.00	33.33
Atrophy	2	0.58	0.80	3.96	0.00	20.00
Regeneration	2	0.58	0.67	4.71	0.00	33.33

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	303					
Glandular dilation	2	0.66	0.69	4.81	0.00	33.33
Porphyrin deposition	94	31.02	26.53	37.15	0.00	100.00
Hemorrhage	28	9.24	10.00	21.73	0.00	80.00
Hemosiderin macro.s	4	1.32	1.39	9.62	0.00	66.67
Mononuclear cell foci	7	2.31	2.50	8.63	0.00	50.00
Inflammatory cell foci	5	1.65	2.08	7.43	0.00	40.00
Necrosis	2	0.66	0.83	4.04	0.00	20.00
Inflammation	33	10.89	9.65	17.47	0.00	80.00
Fibrosis	7	2.31	1.88	8.16	0.00	50.00
Atrophy	0	0.00	0.00	0.00	0.00	0.00
Regeneration	0	0.00	0.00	0.00	0.00	0.00

Eyelids

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	4					
Mononuclear cell foci	1	25.00	25.00	0.00	25.00	25.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	5					
Mononuclear cell foci	1	20.00	20.00	0.00	20.00	20.00

Exorbital lacrimal glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	228					
Harderian alteration	22	9.65	17.17	30.54	0.00	100.00
Acinar cell vacuolation	0	0.00	0.00	0.00	0.00	0.00
Cyto/karyomegaly	3	1.32	1.82	10.44	0.00	60.00
Mononuclear cell foci	9	3.95	7.17	19.02	0.00	100.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	191					
Harderian alteration	2	1.05	1.33	5.07	0.00	20.00
Acinar cell vacuolation	1	0.52	0.67	3.65	0.00	20.00
Cyto/karyomegaly	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	1	0.52	0.33	1.83	0.00	10.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Aorta

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	440					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	400					

Heart

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	475					
Traumatic change	4	0.84	1.11	9.43	0.00	80.00
Pigment	1	0.21	0.23	1.96	0.00	16.67
Mononuclear cell foci	41	8.63	8.43	15.18	0.00	66.67
Myofibrosis/necrosis	10	2.11	1.81	7.14	0.00	40.00
Myocarditis	7	1.47	1.39	4.84	0.00	20.00
Fibrosis	2	0.42	0.42	2.62	0.00	20.00
Cardiomyopathy	10	2.11	2.29	8.26	0.00	40.00
Myocardial necrosis	15	3.16	2.82	9.72	0.00	60.00
Myofiber degeneration	0	0.00	0.00	0.00	0.00	0.00
Endocardial hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Myocardial Vacuolation	1	0.21	0.28	2.36	0.00	20.00
Endothelial proliferation	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	435					
Traumatic change	5	1.15	1.41	11.87	0.00	100.00
Pigment	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	30	6.90	6.24	13.28	0.00	66.67
Myofibrosis/necrosis	1	0.23	0.23	1.98	0.00	16.67
Myocarditis	5	1.15	1.13	5.49	0.00	40.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Cardiomyopathy	0	0.00	0.00	0.00	0.00	0.00
Myocardial necrosis	6	1.38	0.94	3.75	0.00	20.00
Myofiber degeneration	1	0.23	0.28	2.37	0.00	20.00
Endocardial hyperplasia	1	0.23	0.28	2.37	0.00	20.00
Myocardial Vacuolation	0	0.00	0.00	0.00	0.00	0.00
Endothelial proliferation	0	0.00	0.00	0.00	0.00	0.00

Nasopharyngeal duct

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	27					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	27					

Nasal cavity

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	200					
Mucous plug	0	0.00	0.00	0.00	0.00	0.00
Squamous cyst	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	181					
Mucous plug	1	0.55	0.71	3.78	0.00	20.00
Squamous cyst	1	0.55	0.71	3.78	0.00	20.00

Nasal cavity, level 1

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	77					
Goblet cell proliferation	13	16.88	19.09	25.48	0.00	80.00
Bowman's gland inflammation	1	1.30	0.76	2.51	0.00	8.33

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	77					
Goblet cell proliferation	9	11.69	14.55	23.39	0.00	60.00
Bowman's gland inflammation	0	0.00	0.00	0.00	0.00	0.00

Nasal cavity, level 2

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	72					
Goblet cell proliferation	2	2.78	2.00	4.22	0.00	10.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	72					
Goblet cell proliferation	2	2.78	2.00	4.22	0.00	10.00

Nasal cavity, level 3

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	37					
Axonal deg. In facial nerve	0	0.00	0.00	0.00	0.00	0.00
Eosinophilic inclusions	2	5.41	6.67	16.33	0.00	40.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	42					
Axonal deg. In facial nerve	0	0.00	0.00	0.00	0.00	0.00
Eosinophilic inclusions	3	7.14	8.57	15.74	0.00	40.00

Nasal cavity, level 4

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	47					
Axonal deg. In facial nerve	1	2.13	2.50	7.07	0.00	20.00
Foreign bodies	1	2.13	2.50	7.07	0.00	20.00
Epithelial disorganization	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	47					
Axonal deg. In facial nerve	1	2.13	2.50	7.07	0.00	20.00
Foreign bodies	0	0.00	0.00	0.00	0.00	0.00
Epithelial disorganization	1	2.13	1.04	2.95	0.00	8.33

Pharynx

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	55					
Hemorrhage	1	1.82	1.82	6.03	0.00	20.00
Mucous plug	1	1.82	1.82	6.03	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	51					
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Mucous plug	0	0.00	0.00	0.00	0.00	0.00

Larynx

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	192					
Glandular dilation	2	1.04	1.54	7.84	0.00	40.00
Mononuclear cell foci	15	7.81	10.77	22.79	0.00	80.00
Inflammation	2	1.04	0.77	2.72	0.00	10.00
Foreign body granuloma	2	1.04	0.77	2.72	0.00	10.00
Mixed Cell Infiltration	1	0.52	0.77	3.92	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	153					
Glandular dilation	2	1.31	1.60	8.00	0.00	40.00
Mononuclear cell foci	15	9.80	10.00	19.15	0.00	60.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Foreign body granuloma	0	0.00	0.00	0.00	0.00	0.00
Mixed Cell Infiltration	0	0.00	0.00	0.00	0.00	0.00

Larynx, level 2

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	22					
Dessicated secretion	2	9.09	13.33	23.09	0.00	40.00
Inflammation	1	4.55	6.67	11.55	0.00	20.00
Mononuclear cell foci	6	27.27	16.67	28.87	0.00	50.00
Inflammation ventr. Gland	2	9.09	5.56	9.62	0.00	16.67
Foreign body	0	0.00	0.00	0.00	0.00	0.00
Inflammatory cell foci	1	4.55	6.67	11.55	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	22					
Dessicated secretion	0	0.00	0.00	0.00	0.00	0.00
Inflammation	4	18.18	26.67	30.55	0.00	60.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Inflammation ventr. Gland	1	4.55	2.78	4.81	0.00	8.33
Foreign body	2	9.09	13.33	23.09	0.00	40.00
Inflammatory cell foci	1	4.55	6.67	11.55	0.00	20.00

Larynx, level 3

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	75					
Dessicated secretion	2	2.67	3.33	8.16	0.00	20.00
Mononuclear cell foci	8	10.67	13.94	25.63	0.00	63.64
Inflammation	1	1.33	0.42	1.02	0.00	2.50
Mineralization	0	0.00	0.00	0.00	0.00	0.00
Granuloma	1	1.33	1.52	3.71	0.00	9.09
Inflammation ventr. gland	2	2.67	1.52	3.71	0.00	9.09

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	37					
Dessicated secretion	2	5.41	8.00	17.89	0.00	40.00
Mononuclear cell foci	6	16.22	15.00	17.32	0.00	40.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Mineralization	2	5.41	8.00	17.89	0.00	40.00
Granuloma	0	0.00	0.00	0.00	0.00	0.00
Inflammation ventr. gland	0	0.00	0.00	0.00	0.00	0.00

Larynx, level 4

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	27					
Dessicated secretion	3	11.11	15.00	19.15	0.00	40.00
Mononuclear cell foci	13	48.15	35.83	35.63	0.00	83.33
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Mineralization	1	3.70	5.00	10.00	0.00	20.00
Foreign bodies	1	3.70	2.08	4.17	0.00	8.33
Granuloma	1	3.70	2.08	4.17	0.00	8.33

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	27					
Dessicated secretion	3	11.11	15.00	19.15	0.00	40.00
Mononuclear cell foci	11	40.74	31.67	28.48	0.00	66.67
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Mineralization	3	11.11	15.00	30.00	0.00	60.00
Foreign bodies	0	0.00	0.00	0.00	0.00	0.00
Granuloma	0	0.00	0.00	0.00	0.00	0.00

Larynx, level 5

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	67					
Mononuclear foci	10	14.93	21.33	30.70	0.00	66.67
Foreign bodies	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	27					
Mononuclear foci	3	11.11	6.25	12.50	0.00	25.00
Foreign bodies	1	3.70	2.08	4.17	0.00	8.33

Larynx, level 6

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	76					
Mononuclear cell foci	5	6.58	7.41	13.46	0.00	33.33
Squamoid epithelium	2	2.63	6.67	16.33	0.00	40.00
Foreign bodies	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	37					
Mononuclear cell foci	5	13.51	8.67	14.45	0.00	33.33
Squamoid epithelium	2	5.41	8.00	17.89	0.00	40.00
Foreign bodies	1	2.70	1.67	3.73	0.00	8.33

Trachea

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	450					
Distended glands	49	10.89	10.64	20.22	0.00	80.00
Mononuclear cell foci	65	14.44	14.22	24.87	0.00	100.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Mixed cell infiltration	1	0.22	0.29	2.43	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	410					
Distended glands	53	12.93	11.84	21.31	0.00	90.00
Mononuclear cell foci	56	13.66	12.89	23.45	0.00	90.00
Inflammation	1	0.24	0.30	2.44	0.00	20.00
Mixed cell infiltration	0	0.00	0.00	0.00	0.00	0.00

Lungs

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	470					
Congestion	0	0.00	0.00	0.00	0.00	0.00
Hemorrhage	7	1.49	1.36	4.80	0.00	20.00
Emphysema	2	0.43	0.56	4.75	0.00	40.00
Vascular mineralization	124	26.38	27.51	35.68	0.00	100.00
Osseous metaplasia	16	3.40	3.63	7.74	0.00	25.00
Pigment deposition	0	0.00	0.00	0.00	0.00	0.00
Alveolar histiocytosis	128	27.23	25.67	28.93	0.00	100.00
Mononuclear cell foci	37	7.87	8.57	17.92	0.00	100.00
Inflammatory cell foci	3	0.64	0.66	4.80	0.00	40.00
Perivascular cuffing	22	4.68	2.61	10.23	0.00	60.00
Perivascular edema	1	0.21	0.23	1.98	0.00	16.67
Alveolitis	17	3.62	2.01	6.73	0.00	40.00
Vasculitis/Perivasculitis	9	1.91	2.00	12.17	0.00	100.00
Inflammation	7	1.49	1.41	6.16	0.00	40.00
Hyperplasia of BALT	4	0.85	1.13	9.49	0.00	80.00
Bronchiolar alveolar hyperplasia	2	0.43	0.52	3.07	0.00	20.00
Granuloma	6	1.28	1.02	4.83	0.00	30.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Perivasc. lymph. c. infiltration	0	0.00	0.00	0.00	0.00	0.00
Collapse	0	0.00	0.00	0.00	0.00	0.00
Hemosiderin deposits	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	430					
Congestion	1	0.23	0.29	2.39	0.00	20.00
Hemorrhage	2	0.47	0.29	1.68	0.00	10.00
Emphysema	6	1.40	1.24	5.57	0.00	40.00
Vascular mineralization	106	24.65	25.10	29.24	0.00	100.00
Osseous metaplasia	10	2.33	2.48	7.22	0.00	40.00
Pigment deposition	1	0.23	0.24	1.99	0.00	16.67
Alveolar histiocytosis	96	22.33	22.12	27.63	0.00	100.00
Mononuclear cell foci	18	4.19	4.48	11.18	0.00	60.00
Inflammatory cell foci	7	1.63	1.71	9.92	0.00	80.00
Perivascular cuffing	6	1.40	1.57	9.27	0.00	60.00
Perivascular edema	0	0.00	0.00	0.00	0.00	0.00
Alveolitis	4	0.93	1.00	5.42	0.00	40.00
Vasculitis/Perivasculitis	2	0.47	0.43	2.66	0.00	20.00
Inflammation	3	0.70	0.69	4.87	0.00	40.00
Hyperplasia of BALT	5	1.16	1.43	9.82	0.00	80.00
Bronchiolar alveolar hyperplasia	3	0.70	0.86	7.17	0.00	60.00
Granuloma	4	0.93	0.57	4.78	0.00	40.00
Fibrosis	1	0.23	0.29	2.39	0.00	20.00
Perivasc. lymph. c. infiltration	1	0.23	0.14	1.20	0.00	10.00
Collapse	9	2.09	1.02	3.90	0.00	20.00
Hemosiderin deposits	1	0.23	0.29	2.39	0.00	20.00

Tracheal bifurction, carina & mainstem bronchi

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	25					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	25					

Pituitary

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	431					
Cyst(s)	58	13.46	14.04	17.23	0.00	60.00
Cystic Rathke`s cleft	0	0.00	0.00	0.00	0.00	0.00
Cholesterol clefts	3	0.70	0.70	5.93	0.00	50.00
Vacuolated cells	2	0.46	0.56	4.75	0.00	40.00
Hypertrophy	2	0.46	0.28	2.37	0.00	20.00
Focal hyperplasia	2	0.46	0.28	1.67	0.00	10.00
Adenoma of pars distalis	1	0.23	1.41	11.87	0.00	100.00
Rathkes pouch dilation	0	0.00	0.00	0.00	0.00	0.00
Pars distalis hypertrophy	5	1.16	1.48	6.40	0.00	40.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	430					
Cyst(s)	21	4.88	4.29	10.72	0.00	66.67
Cystic Rathke`s cleft	17	3.95	3.71	12.06	0.00	60.00
Cholesterol clefts	0	0.00	0.00	0.00	0.00	0.00
Vacuolated cells	1	0.23	0.29	2.39	0.00	20.00
Hypertrophy	1	0.23	0.14	1.20	0.00	10.00
Focal hyperplasia	1	0.23	0.14	1.20	0.00	10.00
Adenoma of pars distalis	0	0.00	0.00	0.00	0.00	0.00
Rathkes pouch dilation	1	0.23	0.29	2.39	0.00	20.00
Pars distalis hypertrophy	0	0.00	0.00	0.00	0.00	0.00

Adrenals NOS

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	413					
Accessory cortical tissue	3	0.73	0.55	3.05	0.00	20.00
Vacuolation	14	3.39	2.73	9.92	0.00	53.33
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	372					
Accessory cortical tissue	1	0.27	0.11	0.86	0.00	6.67
Vacuolation	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	4	1.08	0.44	3.44	0.00	26.67

Adrenal cortex

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	415					
Vacuolation, fasciculata	117	28.19	28.71	35.66	0.00	100.00
Accessory cortical tissue	9	2.17	1.94	6.74	0.00	40.00
Simusectasia	3	0.72	0.97	7.62	0.00	60.00
Mineralization	0	0.00	0.00	0.00	0.00	0.00
Extra-adrenal tissue	1	0.24	0.32	2.54	0.00	20.00
Mononuclear cell foci	1	0.24	0.32	2.54	0.00	20.00
Capsular fibrosis	1	0.24	0.32	2.54	0.00	20.00
Focal hypertrophy	1	0.24	0.32	2.54	0.00	20.00
Inflammatory cell foci	1	0.24	0.32	2.54	0.00	20.00
Pigment deposition	1	0.24	0.32	2.54	0.00	20.00
Apoptosis	1	0.24	0.32	2.54	0.00	20.00
Vacuolation	10	2.41	3.47	14.75	0.00	80.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	375					
Vacuolation, fasciculata	24	6.40	5.41	13.24	0.00	60.00
Accessory cortical tissue	4	1.07	1.04	5.08	0.00	33.33
Simusectasia	3	0.80	0.98	7.68	0.00	60.00
Mineralization	1	0.27	0.16	1.28	0.00	10.00
Extra-adrenal tissue	1	0.27	0.16	1.28	0.00	10.00
Mononuclear cell foci	6	1.60	1.48	6.01	0.00	40.00
Capsular fibrosis	0	0.00	0.00	0.00	0.00	0.00
Focal hypertrophy	3	0.80	0.82	3.78	0.00	20.00
Inflammatory cell foci	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	5	1.33	1.64	12.80	0.00	100.00
Apoptosis	0	0.00	0.00	0.00	0.00	0.00
Vacuolation	4	1.07	1.31	8.06	0.00	60.00

Adrenal medulla

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	448					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	368					

Thyroid glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	441					
Thymic remnant	5	1.13	1.44	6.32	0.00	40.00
Ductal remnant	10	2.27	1.94	6.04	0.00	25.00
Thyroid dysplasia	7	1.59	1.48	5.68	0.00	30.00
Follicular cyst	1	0.23	0.27	2.34	0.00	20.00
Mononuclear cell foci	1	0.23	0.23	1.95	0.00	16.67
C-cell hyperplasia	2	0.45	0.55	4.68	0.00	40.00
Follicular cell hypertrophy	22	4.99	6.96	19.49	0.00	100.00
Follicular hyperplasia	5	1.13	0.68	5.85	0.00	50.00
Ectopic lymphoid tissue	1	0.23	0.14	1.17	0.00	10.00
Lymphoid follicle	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	440					
Thymic remnant	9	2.05	1.76	4.97	0.00	20.00
Ductal remnant	12	2.73	3.03	7.58	0.00	33.33
Thyroid dysplasia	1	0.23	0.23	1.96	0.00	16.67
Follicular cyst	1	0.23	0.28	2.36	0.00	20.00
Mononuclear cell foci	1	0.23	0.23	1.96	0.00	16.67
C-cell hyperplasia	1	0.23	0.14	1.18	0.00	10.00
Follicular cell hypertrophy	2	0.45	0.51	3.05	0.00	20.00
Follicular hyperplasia	6	1.36	0.93	5.28	0.00	40.00
Ectopic lymphoid tissue	2	0.45	0.42	2.62	0.00	20.00
Lymphoid follicle	1	0.23	0.28	2.36	0.00	20.00

Parathyroid glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	432					
Fibrosis	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	384					
Fibrosis	2	0.52	0.30	1.71	0.00	10.00

Pancreas

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	470					
Congestion	2	0.43	0.42	2.64	0.00	20.00
Mononuclear cell foci	3	0.64	0.80	3.84	0.00	20.00
Inflammatory cell foci	1	0.21	0.28	2.37	0.00	20.00
Peripancreatitis	0	0.00	0.00	0.00	0.00	0.00
Inflammation	2	0.43	0.56	3.33	0.00	20.00
Exocrine atrophy	29	6.17	5.68	13.07	0.00	60.00
Fatty atrophy	13	2.77	3.94	17.77	0.00	100.00
Exocrine hyperplasia	3	0.64	0.85	5.28	0.00	40.00
Islet hyperplasia	5	1.06	1.34	6.09	0.00	40.00
Pigment deposition	3	0.64	0.80	3.84	0.00	20.00
Mixed Cell Infiltration	1	0.21	0.28	2.37	0.00	20.00
Intracytoplasmic vacuoles/ apoptosis	5	1.06	1.41	11.87	0.00	100.00
Secretory depletion	1	0.21	0.28	2.37	0.00	20.00
Ductual proliferation	1	0.21	0.28	2.37	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	430					
Congestion	1	0.23	0.29	2.39	0.00	20.00
Mononuclear cell foci	9	2.09	2.19	7.40	0.00	40.00
Inflammatory cell foci	1	0.23	0.29	2.39	0.00	20.00
Peripancreatitis	1	0.23	0.14	1.20	0.00	10.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Exocrine atrophy	19	4.42	4.24	9.18	0.00	40.00
Fatty atrophy	3	0.70	0.86	5.31	0.00	40.00
Exocrine hyperplasia	2	0.47	0.43	2.66	0.00	20.00
Islet hyperplasia	3	0.70	0.71	3.54	0.00	20.00
Pigment deposition	1	0.23	0.24	1.99	0.00	16.67
Mixed Cell Infiltration	0	0.00	0.00	0.00	0.00	0.00
Intracytoplasmic vacuoles/ apoptosis	5	1.16	1.43	11.95	0.00	100.00
Secretory depletion	0	0.00	0.00	0.00	0.00	0.00
Ductual proliferation	0	0.00	0.00	0.00	0.00	0.00

Liver

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	436					
Hepatodiaphragmatic nodule	2	0.46	0.56	3.31	0.00	20.00
Congestion	1	0.23	0.23	1.96	0.00	16.67
Vacuolization	11	2.52	2.50	13.40	0.00	100.00
Glycogen Deposition	30	6.88	7.85	23.59	0.00	100.00
Fatty change	94	21.56	22.69	33.47	0.00	100.00
Pigment deposits	3	0.69	0.81	4.88	0.00	33.33
Erythropoiesis	20	4.59	4.77	11.92	0.00	60.00
Inflammatory cell foci	246	56.42	55.67	44.27	0.00	200.00
Giant cell	0	0.00	0.00	0.00	0.00	0.00
Increased mitosis	0	0.00	0.00	0.00	0.00	0.00
Single cell necrosis	2	0.46	0.56	4.71	0.00	40.00
Necrosis	4	0.92	1.11	9.43	0.00	80.00
Cytoplasmic vacuolation	0	0.00	0.00	0.00	0.00	0.00
Bile duct hyperplasia	6	1.38	1.25	4.73	0.00	20.00
Microfoci of inflammation	14	3.21	3.33	14.63	0.00	80.00
Hepatocytic hypertrophy	5	1.15	0.74	3.64	0.00	20.00
Basophilic focus	0	0.00	0.00	0.00	0.00	0.00
Hemosiderin deposits	0	0.00	0.00	0.00	0.00	0.00
Hematopoiesis	1	0.23	0.28	2.36	0.00	20.00
Peribiliary fibrosis	2	0.46	0.37	2.28	0.00	16.67
Karyomegaly, hepatocellular	0	0.00	0.00	0.00	0.00	0.00
Mixed Cell Infiltration	13	2.98	3.47	16.11	0.00	100.00
Lipid Deposits	5	1.15	1.39	11.79	0.00	100.00
Lipofuscin pigment	2	0.46	0.56	4.71	0.00	40.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	435					
Hepatodiaphragmatic nodule	0	0.00	0.00	0.00	0.00	0.00
Congestion	0	0.00	0.00	0.00	0.00	0.00
Vacuolization	4	0.92	1.13	5.74	0.00	40.00
Glycogen Deposition	43	9.89	10.75	27.93	0.00	100.00
Fatty change	91	20.92	21.83	32.66	0.00	100.00
Pigment deposits	6	1.38	1.57	5.38	0.00	25.00
Erythropoiesis	23	5.29	5.21	14.83	0.00	83.33
Inflammatory cell foci	208	47.82	47.70	43.75	0.00	200.00
Giant cell	2	0.46	0.52	3.07	0.00	20.00
Increased mitosis	1	0.23	0.28	2.37	0.00	20.00
Single cell necrosis	0	0.00	0.00	0.00	0.00	0.00
Necrosis	6	1.38	1.62	5.53	0.00	25.00
Cytoplasmic vacuolation	1	0.23	0.14	1.19	0.00	10.00
Bile duct hyperplasia	4	0.92	0.66	3.27	0.00	20.00
Microfoci of inflammation	5	1.15	1.41	9.75	0.00	80.00
Hepatocytic hypertrophy	2	0.46	0.23	1.42	0.00	10.00
Basophilic focus	2	0.46	0.42	2.64	0.00	20.00
Hemosiderin deposits	5	1.15	1.41	11.87	0.00	100.00
Hematopoiesis	1	0.23	0.28	2.37	0.00	20.00
Peribiliary fibrosis	0	0.00	0.00	0.00	0.00	0.00
Karyomegaly, hepatocellular	1	0.23	0.35	2.97	0.00	25.00
Mixed Cell Infiltration	9	2.07	2.54	13.49	0.00	80.00
Lipid Deposits	3	0.69	0.85	7.12	0.00	60.00
Lipofuscin pigment	4	0.92	1.13	9.49	0.00	80.00

Oral cavity

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	17					
Parodontitis	5	29.41	50.00	70.71	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	20					
Parodontitis	9	45.00	69.44	52.92	8.33	100.00

Tongue

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	245					
Mononuclear infiltrate	2	0.82	1.05	4.34	0.00	20.00
Inflammation	2	0.82	0.95	5.63	0.00	33.33
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	1	0.41	0.57	3.38	0.00	20.00
Atrophy, ling. Glands	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	205					
Mononuclear infiltrate	4	1.95	1.96	11.43	0.00	66.67
Inflammation	2	0.98	0.98	5.72	0.00	33.33
Hemorrhage	1	0.49	0.49	2.86	0.00	16.67
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Atrophy, ling. Glands	1	0.49	0.59	3.43	0.00	20.00

Esophagus

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	431					
Dilated lumen	0	0.00	0.00	0.00	0.00	0.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	390					
Dilated lumen	1	0.26	0.15	1.24	0.00	10.00
Inflammation	1	0.26	0.26	2.07	0.00	16.67

Stomach

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	431					
Erosion/ulceration	1	0.23	0.28	2.37	0.00	20.00
Hyperkeratosis	4	0.93	0.70	3.51	0.00	20.00
Epithelial hyperplasia	2	0.46	0.42	2.64	0.00	20.00
Cystic Glands	15	3.48	4.34	12.48	0.00	60.00
Cyst	1	0.23	0.23	1.98	0.00	16.67
Congestion	9	2.09	2.18	7.16	0.00	40.00
Mononuclear cell foci	4	0.93	1.13	5.74	0.00	40.00
Lymphoid follicles	4	0.93	1.13	4.64	0.00	20.00
Inflammatory cell foci	12	2.78	2.54	11.05	0.00	60.00
Inflammation	4	0.93	1.34	9.18	0.00	75.00
Vacuolation	7	1.62	1.41	4.87	0.00	20.00
Hyaline droplets	14	3.25	2.68	10.68	0.00	60.00
Esosinophilic inflam. Infiltration	3	0.70	0.85	7.12	0.00	60.00
Incr. Inflammatory cells	10	2.32	1.69	6.54	0.00	40.00
Epithelial degeneration	1	0.23	0.14	1.19	0.00	10.00
Focal spongiosis	2	0.46	0.56	3.33	0.00	20.00
Hyaline inclusion	25	5.80	5.21	17.23	0.00	80.00
Basal cell hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Inclusion cyst	1	0.23	0.09	0.79	0.00	6.67
Erosion: glandular	1	0.23	0.23	1.98	0.00	16.67
Erosion: forestomach	2	0.46	0.28	2.37	0.00	20.00
Ulceration: forestomach	0	0.00	0.00	0.00	0.00	0.00
Squamous	1	0.23	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	1	0.23	0.28	2.37	0.00	20.00
Epidermal cyst	2	0.46	0.56	3.33	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	430					
Erosion/ulceration	1	0.23	0.14	1.20	0.00	10.00
Hyperkeratosis	7	1.63	1.67	6.31	0.00	40.00
Epithelial hyperplasia	5	1.16	0.95	3.77	0.00	20.00
Cystic Glands	12	2.79	3.43	10.06	0.00	50.00
Cyst	1	0.23	0.29	2.39	0.00	20.00
Congestion	3	0.70	0.71	3.54	0.00	20.00
Mononuclear cell foci	3	0.70	0.86	5.31	0.00	40.00
Lymphoid follicles	4	0.93	1.00	4.22	0.00	20.00
Inflammatory cell foci	0	0.00	0.00	0.00	0.00	0.00
Inflammation	5	1.16	1.64	9.51	0.00	75.00
Vacuolation	10	2.33	2.24	5.89	0.00	20.00
Hyaline droplets	11	2.56	2.10	9.33	0.00	60.00
Eosinophilic inflam. Infiltration	4	0.93	1.14	9.56	0.00	80.00
Incr. Inflammatory cells	6	1.40	0.95	4.58	0.00	26.67
Epithelial degeneration	0	0.00	0.00	0.00	0.00	0.00
Focal spongiosis	0	0.00	0.00	0.00	0.00	0.00
Hyaline inclusion	20	4.65	3.86	13.44	0.00	70.00
Basal cell hyperplasia	2	0.47	0.29	1.68	0.00	10.00
Inclusion cyst	0	0.00	0.00	0.00	0.00	0.00
Erosion: glandular	2	0.47	0.29	1.68	0.00	10.00
Erosion: forestomach	0	0.00	0.00	0.00	0.00	0.00
Ulceration: forestomach	1	0.23	0.29	2.39	0.00	20.00
Squamous	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	1	0.23	0.29	2.39	0.00	20.00
Epidermal cyst	1	0.23	0.29	2.39	0.00	20.00

Forestomach

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	40					
Hyperkeratosis	2	5.00	5.00	9.26	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	40					
Hyperkeratosis	2	5.00	5.00	14.14	0.00	40.00

Glandular stomach

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	45					
Congestion.	0	0.00	0.00	0.00	0.00	0.00
Erosion	0	0.00	0.00	0.00	0.00	0.00
Mucosal Congestion	1	2.22	2.22	6.67	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	45					
Congestion.	0	0.00	0.00	0.00	0.00	0.00
Erosion	0	0.00	0.00	0.00	0.00	0.00
Mucosal Congestion	0	0.00	0.00	0.00	0.00	0.00

Duodenum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	460					
Dilation	1	0.22	0.29	2.39	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	420					
Dilation	0	0.00	0.00	0.00	0.00	0.00

Jejunum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	385					
Dilation	4	1.04	1.40	10.60	0.00	80.00
Lymphoid hyperplasia	5	1.30	1.75	13.25	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	344					
Dilation	3	0.87	1.07	8.02	0.00	60.00
Lymphoid hyperplasia	1	0.29	0.36	2.67	0.00	20.00

Ileum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	385					
Dilation	6	1.56	2.18	11.97	0.00	80.00
Lymphoid hyperplasia	3	0.78	1.09	8.09	0.00	60.00
Section of nematode(s)	1	0.26	0.36	2.70	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	344					
Dilation	2	0.58	0.74	5.44	0.00	40.00
Lymphoid hyperplasia	4	1.16	1.48	10.89	0.00	80.00
Section of nematode(s)	0	0.00	0.00	0.00	0.00	0.00

Peyer's patches – jejunum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	226					
Anomaly	0	0.00	0.00	0.00	0.00	0.00
Mineralization	14	6.19	6.22	13.31	0.00	60.00
Granuloma	1	0.44	0.61	3.90	0.00	25.00
Lymphoid hyperplasia	44	19.47	15.98	28.75	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	225					
Anomaly	1	0.44	0.24	1.56	0.00	10.00
Mineralization	10	4.44	5.05	12.01	0.00	50.00
Granuloma	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	30	13.33	12.72	25.84	0.00	100.00

Peyer’s patches – ileum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	228					
Congestion	1	0.44	0.63	3.95	0.00	25.00
Lymphoid hyperplasia	77	33.77	28.21	38.97	0.00	100.00
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	228					
Congestion	1	0.44	0.50	3.16	0.00	20.00
Lymphoid hyperplasia	78	34.21	30.30	41.99	0.00	100.00
Hemorrhage	1	0.44	0.50	3.16	0.00	20.00

Galt

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	10					
Mineralization	2	20.00	20.00	0.00	20.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	10					
Mineralization	4	40.00	40.00	0.00	40.00	40.00

Cecum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	460					
Dilation	2	0.43	0.57	4.78	0.00	40.00
Increased chronic	3	0.65	0.86	7.17	0.00	60.00
Lymphoid cell infiltration	2	0.43	0.57	4.78	0.00	40.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	420					
Dilation	1	0.24	0.29	2.41	0.00	20.00
Increased chronic	3	0.71	0.87	7.22	0.00	60.00
Lymphoid cell infiltration	3	0.71	0.87	7.22	0.00	60.00

Colon

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	445					
Dilation	10	2.25	2.50	10.98	0.00	60.00
Edema	3	0.67	0.88	7.28	0.00	60.00
Nematodes	6	1.35	1.57	5.20	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	395					
Dilation	8	2.03	2.27	12.75	0.00	100.00
Edema	0	0.00	0.00	0.00	0.00	0.00
Nematodes	3	0.76	0.86	3.98	0.00	20.00

Rectum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	455					
Dilation	12	2.64	2.76	9.65	0.00	60.00
Nematodes	12	2.64	2.86	9.65	0.00	60.00
Lymphoid cell infiltration	0	0.00	0.00	0.00	0.00	0.00
Parasite	0	0.00	0.00	0.00	0.00	0.00
Inflammatory infiltration	1	0.22	0.29	2.39	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	405					
Dilation	11	2.72	2.65	8.99	0.00	40.00
Nematodes	7	1.73	1.62	6.37	0.00	40.00
Lymphoid cell infiltration	2	0.49	0.59	4.85	0.00	40.00
Parasite	2	0.49	0.59	4.85	0.00	40.00
Inflammatory infiltration	0	0.00	0.00	0.00	0.00	0.00

Salivary glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	431					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	390					

Parotid salivary glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	91					
Mucous remnants	0	0.00	0.00	0.00	0.00	0.00
Acinar degranulation	2	2.20	1.25	5.00	0.00	20.00
Necrosis	1	1.10	1.25	5.00	0.00	20.00
Focal basoph. hypertrophy	1	1.10	0.63	2.50	0.00	10.00
Inflammation	1	1.10	0.63	2.50	0.00	10.00
Acinar atrophy	0	0.00	0.00	0.00	0.00	0.00
Lymphoid cell infiltration	2	2.20	2.08	8.33	0.00	33.33

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	92					
Mucous remnants	2	2.17	2.50	10.00	0.00	40.00
Acinar degranulation	1	1.09	0.63	2.50	0.00	10.00
Necrosis	0	0.00	0.00	0.00	0.00	0.00
Focal basoph. hypertrophy	2	2.17	2.29	6.29	0.00	20.00
Inflammation	1	1.09	0.63	2.50	0.00	10.00
Acinar atrophy	1	1.09	0.63	2.50	0.00	10.00
Lymphoid cell infiltration	0	0.00	0.00	0.00	0.00	0.00

Sublingual salivary glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	377					
Inflammation	1	0.27	0.30	2.25	0.00	16.67
Mononuclear cell infiltrate	2	0.53	0.67	3.48	0.00	20.00
Ectopic salivary gland	1	0.27	0.18	1.35	0.00	10.00
Parotid Gld. Ectopia	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	337					
Inflammation	1	0.30	0.31	2.27	0.00	16.67
Mononuclear cell infiltrate	1	0.30	0.31	2.27	0.00	16.67
Ectopic salivary gland	2	0.59	0.37	2.72	0.00	20.00
Parotid Gld. Ectopia	1	0.30	0.37	2.72	0.00	20.00

Submandibular salivary glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	367					
Inflammation	1	0.27	0.31	2.29	0.00	16.67
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Fatty atrophy	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell infiltrate	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	327					
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	1	0.31	0.38	2.77	0.00	20.00
Fatty atrophy	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell infiltrate	1	0.31	0.38	2.77	0.00	20.00

Urinary bladder

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	406					
Inflammation	1	0.25	0.25	2.04	0.00	16.67
Ectasia	11	2.71	2.99	15.05	0.00	100.00
Mononuclear cell foci	2	0.49	0.60	3.43	0.00	20.00
seminal coagulum	1	0.25	0.30	2.44	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	405					
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Ectasia	5	1.23	1.29	7.65	0.00	60.00
Mononuclear cell foci	2	0.49	0.30	1.71	0.00	10.00
seminal coagulum	0	0.00	0.00	0.00	0.00	0.00

Ureter

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	32					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	32					

Kidneys

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	434					
Pelvic dilation	46	10.60	10.42	17.23	0.00	80.00
Hydronephrosis	2	0.46	0.56	4.75	0.00	40.00
Cortical cyst	1	0.23	0.14	1.19	0.00	10.00
Hyaline droplets	160	36.87	38.03	42.55	0.00	100.00
Pigment	1	0.23	0.23	1.98	0.00	16.67
Cortical mineralization	36	8.29	6.15	15.52	0.00	66.67
Medullary mineralization	6	1.38	1.36	6.03	0.00	40.00
Pelvic mineralization	2	0.46	0.56	3.33	0.00	20.00
Tubular dilation	6	1.38	1.03	3.97	0.00	20.00
Tubular cast	16	3.69	3.00	9.05	0.00	50.00
Tubular cyst (s)	0	0.00	0.00	0.00	0.00	0.00
Basophilic tubules	21	4.84	4.84	14.52	0.00	80.00
Tubular basophilia	65	14.98	14.41	17.73	0.00	70.00
Tubular vacuolation	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	42	9.68	8.64	16.02	0.00	83.33
Tubular cell adenoma	1	0.23	0.14	1.19	0.00	10.00
Tubular pigmentation	2	0.46	0.56	4.75	0.00	40.00
Atrophy	0	0.00	0.00	0.00	0.00	0.00
Debris in pelvis	0	0.00	0.00	0.00	0.00	0.00
Pyelitis	3	0.69	0.66	3.41	0.00	20.00
Inflammation	4	0.92	0.85	3.68	0.00	20.00
Fibrosis	3	0.69	0.56	3.33	0.00	20.00
Urothelial hyperplasia	2	0.46	0.42	2.64	0.00	20.00
Hemosiderosis	8	1.84	1.13	9.49	0.00	80.00
Cortical fibrosis	0	0.00	0.00	0.00	0.00	0.00
Focal mineralization	0	0.00	0.00	0.00	0.00	0.00
Chronic progressive nephropathy	0	0.00	0.00	0.00	0.00	0.00
Pelvic calculi	1	0.23	0.23	1.98	0.00	16.67
Mixed cell infiltration	5	1.15	1.41	7.03	0.00	40.00
Distended pelvis	0	0.00	0.00	0.00	0.00	0.00
Hyaline cast	0	0.00	0.00	0.00	0.00	0.00
Mineralization	1	0.23	0.28	2.37	0.00	20.00
Tubular hypertrophy	1	0.23	0.28	2.37	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	427					
Pelvic dilation	26	6.09	5.45	13.85	0.00	100.00
Hydronephrosis	6	1.41	2.68	13.09	0.00	100.00
Cortical cyst	5	1.17	2.54	13.06	0.00	100.00
Hyaline droplets	4	0.94	1.13	7.47	0.00	60.00
Pigment	2	0.47	0.47	3.96	0.00	33.33
Cortical mineralization	128	29.98	29.30	35.39	0.00	100.00
Medullary mineralization	29	6.79	5.92	19.17	0.00	100.00
Pelvic mineralization	18	4.22	3.99	14.90	0.00	100.00
Tubular dilation	4	0.94	0.85	3.68	0.00	20.00
Tubular cast	10	2.34	1.69	5.60	0.00	20.00
Tubular cyst (s)	0	0.00	0.00	0.00	0.00	0.00
Basophilic tubules	5	1.17	1.27	6.75	0.00	40.00
Tubular basophilia	32	7.49	6.57	14.92	0.00	60.00
Tubular vacuolation	11	2.58	3.10	12.02	0.00	60.00
Mononuclear cell foci	33	7.73	8.31	18.34	0.00	100.00
Tubular cell adenoma	0	0.00	0.00	0.00	0.00	0.00
Tubular pigmentation	4	0.94	1.13	7.47	0.00	60.00
Atrophy	1	0.23	0.28	2.37	0.00	20.00
Debris in pelvis	1	0.23	0.14	1.19	0.00	10.00
Pyelitis	7	1.64	1.92	5.87	0.00	20.00
Inflammation	1	0.23	0.28	2.37	0.00	20.00
Fibrosis	7	1.64	1.22	6.62	0.00	50.00
Urothelial hyperplasia	5	1.17	0.94	3.75	0.00	20.00
Hemosiderosis	2	0.47	0.28	1.67	0.00	10.00
Cortical fibrosis	2	0.47	0.28	1.67	0.00	10.00
Focal mineralization	10	2.34	1.41	11.87	0.00	100.00
Chronic progressive nephropathy	0	0.00	0.00	0.00	0.00	0.00
Pelvic calculi	0	0.00	0.00	0.00	0.00	0.00
Mixed cell infiltration	1	0.23	0.28	2.37	0.00	20.00
Distended pelvis	1	0.23	0.28	2.37	0.00	20.00
Hyaline cast	2	0.47	0.56	3.33	0.00	20.00
Mineralization	3	0.70	0.85	7.12	0.00	60.00
Tubular hypertrophy	0	0.00	0.00	0.00	0.00	0.00

Skin

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	401					
Inflammation	2	0.50	0.61	3.45	0.00	20.00
Acanthosis	11	2.74	1.67	13.54	0.00	110.00
Hyperkeratosis	20	4.99	4.39	26.26	0.00	190.00
Auricular chondropathy	0	0.00	0.00	0.00	0.00	0.00
Parakeratosis	1	0.25	0.15	1.23	0.00	10.00
Congestion	2	0.50	0.30	2.46	0.00	20.00
Adnexal atrophy	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Atrophy	1	0.25	0.30	2.46	0.00	20.00
Cyst	1	0.25	0.30	2.46	0.00	20.00
Inflammatory cell infiltration	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	400					
Inflammation	2	0.50	0.51	4.13	0.00	33.33
Acanthosis	3	0.75	0.56	3.20	0.00	20.00
Hyperkeratosis	18	4.50	2.87	21.15	0.00	170.00
Auricular chondropathy	1	0.25	0.15	1.24	0.00	10.00
Parakeratosis	0	0.00	0.00	0.00	0.00	0.00
Congestion	0	0.00	0.00	0.00	0.00	0.00
Adnexal atrophy	1	0.25	0.26	2.07	0.00	16.67
Mononuclear cell foci	3	0.75	0.92	5.51	0.00	40.00
Atrophy	0	0.00	0.00	0.00	0.00	0.00
Cyst	0	0.00	0.00	0.00	0.00	0.00
Inflammatory cell infiltration	1	0.25	0.31	2.48	0.00	20.00

Mammary glands

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	434					
Pigment deposits	0	0.00	0.00	0.00	0.00	0.00
Adenocarcinoma	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Congestion	1	0.23	0.29	2.43	0.00	20.00
Subcutan. tissue only	6	1.38	1.76	10.21	0.00	60.00
Fatty tissue only	3	0.69	0.88	7.28	0.00	60.00
Glandular proliferation	20	4.61	6.03	20.74	0.00	100.00
Secretory activity	3	0.69	0.88	5.39	0.00	40.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	395					
Pigment deposits	4	1.01	1.14	7.58	0.00	60.00
Adenocarcinoma	1	0.25	0.25	2.04	0.00	16.67
Mononuclear cell foci	1	0.25	0.15	1.22	0.00	10.00
Congestion	0	0.00	0.00	0.00	0.00	0.00
Subcutan. tissue only	0	0.00	0.00	0.00	0.00	0.00
Fatty tissue only	0	0.00	0.00	0.00	0.00	0.00
Glandular proliferation	21	5.32	6.27	23.15	0.00	100.00
Secretory activity	15	3.80	4.48	17.35	0.00	100.00

Testes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	427					
Tubular degeneration	21	4.92	6.38	15.41	0.00	100.00
Abscess	1	0.23	1.41	11.87	0.00	100.00
Sertoli cell vacuolation	2	0.47	0.56	3.33	0.00	20.00
Hypoplasia	2	0.47	0.56	3.33	0.00	20.00

Epididymides

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	397					
Mononuclear foci	2	0.50	0.60	3.43	0.00	20.00
Perivascular inflammatory cell infiltration	7	1.76	2.09	13.09	0.00	100.00
Sperm granuloma	1	0.25	1.49	12.22	0.00	100.00
Atrophy	1	0.25	0.15	1.22	0.00	10.00
Epithelial degeneration	1	0.25	0.30	2.44	0.00	20.00
Vacuolation	2	0.50	0.60	3.43	0.00	20.00
Epit. vacuolation	4	1.01	1.19	5.91	0.00	40.00
Hypoplasia	1	0.25	0.30	2.44	0.00	20.00
Azoospermia	1	0.25	0.30	2.44	0.00	20.00

Prostate

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	425					
Mononuclear cell foci	10	2.35	2.56	8.93	0.00	60.00
Inflammation	18	4.24	2.85	8.35	0.00	53.33
Concretions	4	0.94	0.97	8.03	0.00	66.67
Inflammatory cell foci	7	1.65	1.59	6.99	0.00	40.00

Coagulating gland

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	91					

Seminal vesicles

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	403					
Congestion	15	3.72	4.71	14.69	0.00	100.00
Reduced secretion	1	0.25	0.29	2.39	0.00	20.00
Mononuclear infiltrate	1	0.25	0.24	1.99	0.00	16.67
Hemorrhage	5	1.24	1.48	7.48	0.00	50.00
Edema	1	0.25	0.36	2.99	0.00	25.00
Glandular atrophy	1	0.25	0.48	3.98	0.00	33.33
Agonal congestion/hemorrhage	1	0.25	1.43	11.95	0.00	100.00

Ovaries

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	416					
Cyst	3	0.72	0.70	3.36	0.00	20.00
Bursa dilation	4	0.96	0.70	3.04	0.00	20.00
Congestion	9	2.16	2.11	7.51	0.00	50.00
Pigment deposition	13	3.13	3.58	17.73	0.00	100.00
Tubular hyperplasia	1	0.24	0.10	0.81	0.00	6.67
Tubular structure(s)	19	4.57	4.63	18.86	0.00	100.00
Stromal C. Hyperplasia	7	1.68	1.49	7.23	0.00	40.00
Atrophy	2	0.48	0.60	4.89	0.00	40.00
Dilatet rete ovaries	1	0.24	0.30	2.44	0.00	20.00

Oviducts

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	33					
Parovarian cyst	6	18.18	33.33	51.64	0.00	100.00

Uterus

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	440					
Cyst	2	0.45	0.56	3.31	0.00	20.00
Dilated lumen	80	18.18	19.86	26.05	0.00	100.00
Prooestrous morphology	3	0.68	0.46	2.81	0.00	20.00
Pro-/Estrus epithelium	7	1.59	1.39	6.98	0.00	40.00
Metooestrous morphology	8	1.82	1.30	6.77	0.00	40.00
Dioestrous morphology	4	0.91	0.65	3.39	0.00	20.00
Congestion	2	0.45	0.51	3.05	0.00	20.00
Pigment deposition	5	1.14	1.20	8.17	0.00	66.67
Endometrial hyperplasia	4	0.91	0.83	5.99	0.00	50.00
Mononuclear cell infiltrate	2	0.45	0.56	3.31	0.00	20.00
Cornual dilation	2	0.45	0.56	4.71	0.00	40.00

Cervix

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	107					

Vagina

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	389					
Proestrus	37	9.51	8.62	14.99	0.00	40.00
Estrus	31	7.97	8.15	14.35	0.00	60.00
Diestrus	37	9.51	9.85	18.67	0.00	80.00
Metestrus	44	11.31	10.77	17.79	0.00	60.00
Mononuclear cell infiltrate	6	1.54	1.74	8.02	0.00	40.00
Anestrus	1	0.26	0.31	2.48	0.00	20.00
Mucification	2	0.51	0.62	4.96	0.00	40.00

Bone marrow

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	299					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	299					

Bone marrow - sternal

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	150					
Cartilage necrosis	1	0.67	0.95	4.36	0.00	20.00
Fatty atrophy	5	3.33	4.76	21.82	0.00	100.00
Chondromucinous degeneration	5	3.33	4.76	21.82	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	150					
Cartilage necrosis	1	0.67	0.95	4.36	0.00	20.00
Fatty atrophy	5	3.33	4.76	21.82	0.00	100.00
Chondromucinous degeneration	4	2.67	3.81	17.46	0.00	80.00

Bone marrow – femur

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	308					
Fatty replacement	43	13.96	16.92	36.60	0.00	100.00
Thrombopoiesis	5	1.62	1.92	13.87	0.00	100.00
Increased granulopo.	1	0.32	0.38	2.77	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	308					
Fatty replacement	39	12.66	15.00	33.34	0.00	100.00
Thrombopoiesis	5	1.62	1.92	13.87	0.00	100.00
Increased granulopo.	0	0.00	0.00	0.00	0.00	0.00

Mesentric lymph nodes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	426					
Sinus dilation	17	3.99	3.47	11.16	0.00	80.00
Hemorrhage	1	0.23	0.28	2.37	0.00	20.00
Pigment deposition	26	6.10	7.04	23.20	0.00	100.00
Histiocytosis	38	8.92	9.01	27.83	0.00	100.00
Aggregat. histiocytes	1	0.23	0.28	2.37	0.00	20.00
Lymphoid hyperplasia	149	34.98	31.74	41.85	0.00	100.00
Erythrophagocytosis	4	0.94	0.94	7.91	0.00	66.67
Mastocytosis	28	6.57	7.18	22.31	0.00	100.00
Lympholysis	0	0.00	0.00	0.00	0.00	0.00
Phagocytosing hist.	6	1.41	0.85	5.00	0.00	30.00
Lymphangiectasia	1	0.23	0.28	2.37	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	419					
Sinus dilation	9	2.15	2.08	8.67	0.00	60.00
Hemorrhage	3	0.72	0.82	3.89	0.00	20.00
Pigment deposition	34	8.11	8.70	25.78	0.00	100.00
Histiocytosis	44	10.50	11.01	30.20	0.00	100.00
Aggregat. histiocytes	1	0.24	0.29	2.41	0.00	20.00
Lymphoid hyperplasia	129	30.79	29.70	40.00	0.00	100.00
Erythrophagocytosis	1	0.24	0.24	2.01	0.00	16.67
Mastocytosis	38	9.07	8.55	22.31	0.00	100.00
Lympholysis	1	0.24	0.29	2.41	0.00	20.00
Phagocytosing hist.	16	3.82	2.32	13.52	0.00	80.00
Lymphangiectasia	1	0.24	0.29	2.41	0.00	20.00

Mandibular lymph nodes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	401					
Congestion	3	0.75	0.71	3.53	0.00	20.00
Erythrophagocytosis	1	0.25	1.52	12.31	0.00	100.00
Sinus dilation	2	0.50	0.40	2.38	0.00	16.67
Hemorrhage	4	1.00	0.91	4.20	0.00	20.00
Pigment	3	0.75	0.91	5.47	0.00	40.00
Histiocytosis	26	6.48	6.21	22.86	0.00	100.00
Lymphoid atrophy	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	126	31.42	27.37	38.18	0.00	100.00
Plasmacytosis	113	28.18	22.98	38.82	0.00	100.00
Plasma hyperplasia	8	2.00	1.62	9.50	0.00	66.67
Hemosiderin	6	1.50	1.57	6.28	0.00	40.00
Tattoo pigment	0	0.00	0.00	0.00	0.00	0.00
Plasma cell infiltraton	6	1.50	1.82	12.52	0.00	100.00
Plasmacytic infiltration	8	2.00	2.73	15.64	0.00	100.00
Mastocytosis	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	403					
Congestion	5	1.24	2.12	12.71	0.00	100.00
Erythrophagocytosis	1	0.25	0.25	2.05	0.00	16.67
Sinus dilation	2	0.50	0.51	4.10	0.00	33.33
Hemorrhage	3	0.74	0.86	3.98	0.00	20.00
Pigment	4	0.99	1.21	5.95	0.00	40.00
Histiocytosis	23	5.71	5.15	20.25	0.00	100.00
Lymphoid atrophy	1	0.25	0.15	1.23	0.00	10.00
Lymphoid hyperplasia	126	31.27	27.47	38.45	0.00	100.00
Plasmacytosis	126	31.27	26.41	42.02	0.00	100.00
Plasma hyperplasia	9	2.23	1.97	12.80	0.00	100.00
Hemosiderin	7	1.74	1.87	10.75	0.00	83.33
Tattoo pigment	1	0.25	0.30	2.46	0.00	20.00
Plasma cell infiltraton	10	2.48	3.03	17.27	0.00	100.00
Plasmacytic infiltration	10	2.48	3.03	17.27	0.00	100.00
Mastocytosis	1	0.25	0.30	2.46	0.00	20.00

Popliteal lymph node

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	14					
Hemosiderin	1	7.14	6.67	11.55	0.00	20.00
Mast cell infiltration	14	100.00	100.00	0.00	100.00	100.00
Plasmacytic infiltration	1	7.14	6.67	11.55	0.00	20.00
Lymphoid hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	15					
Hemosiderin	4	26.67	26.67	30.55	0.00	60.00
Mast cell infiltration	15	100.00	100.00	0.00	100.00	100.00
Plasmacytic infiltration	2	13.33	13.33	23.09	0.00	40.00
Lymphoid hyperplasia	1	6.67	6.67	11.55	0.00	20.00
Hemorrhage	1	6.67	6.67	11.55	0.00	20.00

Mediastinal lymph nodes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	97					
Congestion	3	3.09	3.75	10.61	0.00	30.00
Hemosiderin	15	15.46	18.75	27.48	0.00	70.00
Mastocytosis	3	3.09	3.75	10.61	0.00	30.00
Lymphoid hyperplasia	14	14.43	22.50	19.09	0.00	40.00
Sinusoidal dilation	1	1.03	2.50	7.07	0.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	57					
Congestion	13	22.81	20.00	36.06	0.00	100.00
Hemosiderin	29	50.88	47.14	44.24	0.00	90.00
Mastocytosis	2	3.51	2.86	7.56	0.00	20.00
Lymphoid hyperplasia	15	26.32	24.29	22.99	0.00	50.00
Sinusoidal dilation	0	0.00	0.00	0.00	0.00	0.00

Bronchial lymph nodes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	47					
Erythrophagocytosis	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	1	2.13	2.50	7.07	0.00	20.00
Congestion	1	2.13	2.50	7.07	0.00	20.00
Lymphoid hyperplasia	10	21.28	25.00	35.05	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	47					
Erythrophagocytosis	8	17.02	20.00	37.03	0.00	80.00
Pigment deposition	5	10.64	11.25	21.00	0.00	50.00
Congestion	3	6.38	6.25	17.68	0.00	50.00
Lymphoid hyperplasia	7	14.89	17.50	36.15	0.00	100.00

Tracheobronchial lymph nodes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	59					
Erythrophagocytosis	0	0.00	0.00	0.00	0.00	0.00
Hemosiderin	2	3.39	8.00	17.89	0.00	40.00
Lymphoid hyperplasia	6	10.17	24.00	43.36	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	20					
Erythrophagocytosis	1	5.00	5.00	10.00	0.00	20.00
Hemosiderin	2	10.00	10.00	20.00	0.00	40.00
Lymphoid hyperplasia	5	25.00	25.00	50.00	0.00	100.00

Axillary lymph node

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	4					
Sinus dilation	1	25.00	25.00	0.00	25.00	25.00
Histiocytosis	3	75.00	75.00	0.00	75.00	75.00
Yellow-brown pigment	1	25.00	25.00	0.00	25.00	25.00
Plasma hyperplasia	1	25.00	25.00	0.00	25.00	25.00
Lymphoid hyperplasia	1	25.00	25.00	0.00	25.00	25.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	1					
Sinus dilation	1	100.00	100.00	0.00	100.00	100.00
Histiocytosis	1	100.00	100.00	0.00	100.00	100.00
Yellow-brown pigment	0	0.00	0.00	0.00	0.00	0.00
Plasma hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	0	0.00	0.00	0.00	0.00	0.00

Cervical lymph nodes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	11					
Sinusoidal ectasia	1	9.09	33.33	57.74	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	10					
Sinusoidal ectasia	0	0.00	0.00	0.00	0.00	0.00

Other lymph nodes

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	156					
Sinusoidal dilation	2	1.28	5.77	21.57	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	158					
Sinusoidal dilation	4	2.53	3.20	16.00	0.00	80.00

Thymus

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	424					
Cyst(s)	66	15.57	16.50	22.94	0.00	80.00
Congestion	20	4.72	4.62	10.92	0.00	60.00
Hemorrhage	28	6.60	8.52	19.56	0.00	100.00
Involution / Atrophy	57	13.44	14.43	29.83	0.00	100.00
Pigment deposition	1	0.24	0.24	1.99	0.00	16.67
Histiocytosis	2	0.47	0.57	3.36	0.00	20.00
Tubular structure	2	0.47	0.57	3.36	0.00	20.00
Lymphoid hyperplasia	1	0.24	0.29	2.39	0.00	20.00
Tubular hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Increased lymphocytolysis	6	1.42	1.71	12.15	0.00	100.00
Atrophy	6	1.42	1.55	11.98	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	421					
Cyst(s)	151	35.87	32.42	34.39	0.00	100.00
Congestion	12	2.85	3.09	12.90	0.00	100.00
Hemorrhage	23	5.46	7.54	21.10	0.00	100.00
Involution / Atrophy	55	13.06	13.67	28.72	0.00	100.00
Pigment deposition	4	0.95	0.97	8.03	0.00	66.67
Histiocytosis	2	0.48	0.58	3.38	0.00	20.00
Tubular structure	5	1.19	1.45	8.62	0.00	60.00
Lymphoid hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Tubular hyperplasia	1	0.24	0.14	1.20	0.00	10.00
Increased lymphocytolysis	5	1.19	1.45	12.04	0.00	100.00
Atrophy	7	1.66	1.69	12.18	0.00	100.00

Spleen

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	460					
Congestion	32	6.96	9.14	26.96	0.00	100.00
Megakaryocytosis	5	1.09	1.43	11.95	0.00	100.00
Extramedullary hemotopoiesis	65	14.13	18.86	38.36	0.00	100.00
Increased erythropoiesis	13	2.83	3.71	17.79	0.00	100.00
Histiocytosis	9	1.96	1.29	10.76	0.00	90.00
Hemosiderin pigment	157	34.13	36.29	46.07	0.00	100.00
Lymphoid hyperplasia	1	0.22	0.14	1.20	0.00	10.00
Constriction	1	0.22	0.14	1.20	0.00	10.00
Hemopoietic foci	161	35.00	32.48	43.81	0.00	100.00
Pigment	20	4.35	4.29	20.40	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	420					
Congestion	37	8.81	10.72	30.21	0.00	100.00
Megakaryocytosis	5	1.19	1.45	12.04	0.00	100.00
Extramedullary hemotopoiesis	59	14.05	17.10	36.83	0.00	100.00
Increased erythropoiesis	12	2.86	3.48	16.79	0.00	100.00
Histiocytosis	8	1.90	1.16	9.63	0.00	80.00
Hemosiderin pigment	181	43.10	43.48	48.26	0.00	100.00
Lymphoid hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Constriction	1	0.24	0.29	2.41	0.00	20.00
Hemopoietic foci	165	39.29	33.43	44.75	0.00	100.00
Pigment	20	4.76	4.35	20.54	0.00	100.00

Joint

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	162					
Myelofibrosis	1	0.62	0.86	4.64	0.00	25.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	208					
Myelofibrosis	0	0.00	0.00	0.00	0.00	0.00

Bone

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	329					
Fibro-osseous lesion	0	0.00	0.00	0.00	0.00	0.00
Mucinous degeneration	16	4.86	3.33	16.67	0.00	100.00
Cartilage necrosis	3	0.91	1.25	6.40	0.00	40.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	290					
Fibro-osseous lesion	2	0.69	0.85	5.83	0.00	40.00
Mucinous degeneration	19	6.55	4.26	18.62	0.00	100.00
Cartilage necrosis	4	1.38	1.70	7.02	0.00	40.00

Skeletal muscle

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	354					
Mononuclear cell foci	10	2.82	2.50	6.53	0.00	20.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Myodegeneration	2	0.56	0.38	1.94	0.00	10.00
Myofiber atrophy/ degeneration	12	3.39	4.23	15.38	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	310					
Mononuclear cell foci	13	4.19	3.60	8.51	0.00	40.00
Inflammation	1	0.32	0.40	2.83	0.00	20.00
Myodegeneration	0	0.00	0.00	0.00	0.00	0.00
Myofiber atrophy/ degeneration	8	2.58	2.90	11.34	0.00	75.00

Body cavity

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	12					
Fat necrosis	2	16.67	40.00	54.77	0.00	100.00
Cyst	0	0.00	0.00	0.00	0.00	0.00
Inflammation	1	8.33	20.00	44.72	0.00	100.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	14					
Fat necrosis	4	28.57	53.33	51.64	0.00	100.00
Cyst	1	7.14	16.67	40.82	0.00	100.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Injection: neck

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	16					
Mononuclear infiltrate	1	6.25	8.33	11.79	0.00	16.67

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	16					
Mononuclear infiltrate	0	0.00	0.00	0.00	0.00	0.00

Injection: right flank

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	16					
Mononuclear infiltrate	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	16					
Mononuclear infiltrate	1	6.25	8.33	11.79	0.00	16.67

Injection: left flank

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	16					
Mononuclear infiltrate	1	6.25	8.33	11.79	0.00	16.67
Fibrosis	1	6.25	8.33	11.79	0.00	16.67
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	16					
Mononuclear infiltrate	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	1	6.25	8.33	11.79	0.00	16.67
Inflammation	1	6.25	8.33	11.79	0.00	16.67

Peritoneum

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	5					
Granulomatosis inflammation	0	0.00	0.00	0.00	0.00	0.00
Lymphoid cell infiltration	1	20.00	20.00	0.00	20.00	20.00

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	5					
Granulomatosis inflammation	2	40.00	40.00	0.00	40.00	40.00
Lymphoid cell infiltration	1	20.00	20.00	0.00	20.00	20.00

Head

Male	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	5					

Female	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	5					