

Hartley Guinea Pig Hematology

North American Colonies*

January 2008 - December 2008

Cri:HA		WBC (K/ μ L)	NEUT (K/ μ L)	LYMPH (K/ μ L)	MONO (K/ μ L)	EOS (K/ μ L)	BASO (K/ μ L)	NEUT (%)	LYMPH (%)	MONO (%)	EOS (%)
Male (♂)	Mean	4.23	1.78	2.31	0.07	0.05	0.01	40.95	56.04	1.57	1.12
	Low	1.86	0.66	1.18	0.01	0.00	0.00	23.54	35.04	0.31	0.04
	High	7.16	3.63	3.73	0.16	0.29	0.09	61.70	74.32	3.22	5.24
	N	133	133	133	133	133	133	133	133	133	133
Female (♀)	Mean	4.35	1.91	2.29	0.08	0.06	0.01	42.67	54.03	1.78	1.22
	Low	1.87	0.62	1.09	0.01	0.00	0.00	24.43	33.17	0.38	0.04
	High	6.90	4.31	3.94	0.16	0.33	0.08	64.94	73.43	3.72	5.64
	N	126	126	126	126	126	126	126	126	126	126

Cri:HA		BASO (%)	RBC (M/ μ L)	HGB (g/dL)	HCT (%)	MCV (fL)	MCH (pg)	MCHC (g/dL)	RDW (%)	PLT (K/ μ L)	MPV (fL)
Male (♂)	Mean	0.32	5.74	15.7	49.0	85.5	27.5	32.2	13.3	733	7.4
	Low	0.00	4.41	12.7	37.3	78.8	20.9	24.8	12.2	231	2.3
	High	1.45	7.56	21.3	64.5	92.0	30.2	36.2	15.0	1469	10.6
	N	133	133	133	133	133	133	133	133	133	133
Female (♀)	Mean	0.31	5.74	15.6	49.5	86.4	27.4	31.8	14.0	716	7.1
	Low	0.00	4.59	12.9	38.2	80.2	21.0	24.7	12.2	215	2.3
	High	1.74	7.57	21.2	65.2	93.3	30.8	36.1	18.0	1375	10.9
	N	126	126	126	126	126	126	126	126	126	126

*Samples were collected from animals housed in Charles River's standard production setting.
Age: 8-10 Weeks.

Hartley Guinea Pig Biochemistry

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Crl:HA		CHOL	TRG	GGT	ALT	AST	ALK	TBIL	GLU	PHOS
		(mg/dL)	(mg/dL)	(U/L)	(U/L)	(U/L)	(U/L)	(mg/dL)	(mg/dL)	(mg/dL)
Male (♂)	Mean	77	140	10	67	150	246	0.2	269	11.3
95% interval	Low	44	75	4	38	42	149	0.1	126	8.1
	High	128	245	14	175	541	368	0.8	533	15.0
	N	132	132	117	128	129	131	131	132	130
Female (♀)	Mean	86	149	9	62	168	234	0.2	279	11.7
95% interval	Low	39	67	3	34	40	124	0.1	117	8.8
	High	133	284	14	138	643	399	0.8	546	15.0
	N	130	130	114	130	129	130	130	130	128

Crl:HA		TPR	CAL	BUN	CRE	ALB	NA	K	CL
		(g/dL)	(mg/dL)	(mg/dL)	(mg/dL)	(g/dL)	(meq/L)	(meq/L)	(meq/L)
Male (♂)	Mean	5.8	12.3	25	0.6	3.9	144.0	14.75	111.0
95% interval	Low	5.1	9.4	17	0.4	3.3	130.9	8.18	103.6
	High	6.9	14.4	33	0.8	4.9	160.7	22.31	128.9
	N	131	132	131	130	132	130	119	130
Female (♀)	Mean	5.8	12.2	24	0.5	3.9	142.8	14.75	111.2
95% interval	Low	5.0	9.8	16	0.4	3.3	131.0	8.02	102.4
	High	7.1	14.6	31	0.7	4.8	159.5	23.11	130.7
	N	130	130	130	130	130	129	123	129

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Age – 8-10 Weeks.