

LVG Golden Syrian Hamster Hematology

North American Colonies*

January 2008 - December 2011

Cri:LVG(SYR)		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	6.74	2.36	2.58	0.84	0.91	0.05	35.13	38.04	12.37	13.67
	Low	3.88	1.36	1.15	0.29	0.39	0.00	27.42	25.56	6.19	7.17
	High	11.74	4.14	4.67	1.52	1.63	0.16	45.25	51.63	16.95	19.84
	N	39	39	39	39	39	39	39	39	39	39
Female (♀)	Mean	7.97	3.15	2.81	0.94	1.02	0.05	39.09	35.82	11.91	12.54
	Low	4.47	1.38	1.43	0.39	0.17	0.00	26.97	20.18	6.57	3.15
	High	11.29	5.63	4.22	1.47	2.25	0.23	56.07	51.28	16.86	21.80
	N	96	96	96	96	96	96	96	96	96	96

Cri:LVG(SYR)		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	0.79	8.22	15.0	53.6	65.2	18.3	28.1	16.3	874	4.2
	Low	0.00	7.31	13.5	48.5	61.5	17.3	26.8	15.6	391	3.6
	High	2.51	8.98	16.1	58.0	68.1	19.1	29.1	17.3	1435	5.0
	N	39	39	39	39	39	39	39	39	39	39
Female (♀)	Mean	0.64	7.88	14.8	51.9	65.9	18.8	28.6	16.3	827	4.0
	Low	0.00	6.79	12.9	45.1	62.0	17.1	26.7	15.6	464	3.7
	High	2.87	9.30	16.8	59.6	69.0	21.4	32.2	17.4	1222	4.5
	N	96	96	96	96	96	96	96	96	96	96

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Age: 8-10 Weeks.

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Cri:LVG(SYR)		CHOL (mg/dL)	TRG (mg/dL)	GGT (U/L)	ALT (U/L)	AST (U/L)	ALK (U/L)	TBIL (mg/dL)	GLU (mg/dL)	PHOS (mg/dL)	
Male (♂)	Mean	155	299	5	175	128	193	0.4	368	13.2	
	95% interval	Low	96	174	0	44	50	149	0.2	208	10.5
		High	212	578	21	623	420	241	1.0	536	16.6
		N	38	38	38	38	38	38	38	38	38
Female (♀)	Mean	142	293	1	86	73	220	0.3	340	10.7	
	95% interval	Low	106	173	0	61	46	173	0.2	182	8.3
		High	208	432	6	139	140	281	0.4	509	12.7
		N	84	84	84	84	84	84	84	84	84

Cri:LVG(SYR)		TPR (g/dL)	CAL (mg/dL)	BUN (mg/dL)	CRE (mg/dL)	ALB (g/dL)	NA (meq/L)	K (meq/L)	CL (meq/L)	
Male (♂)	Mean	6.5	14.2	19	0.4	4.0	145.4	10.63	98.8	
	95% interval	Low	5.6	12.8	13	0.3	3.7	137.7	8.11	93.8
		High	7.5	16.5	23	0.5	4.5	161.9	14.36	109.7
		N	38	38	38	38	38	35	34	35
Female (♀)	Mean	6.1	13.9	16	0.4	3.7	143.0	10.10	100.7	
	95% interval	Low	5.4	12.5	10	0.3	3.3	131.0	8.02	95.6
		High	6.6	15.0	20	0.5	4.1	153.3	13.76	109.1
		N	84	84	84	84	84	81	81	81

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Male (♂)	Mean	10.45	4.07	3.35	1.45	1.57	0.05	37.77	33.36	13.82	14.53
	Low	4.00	1.38	1.14	0.42	0.25	0.00	26.13	11.58	7.38	2.86
	High	20.55	9.05	6.71	2.53	3.90	0.22	55.54	52.30	19.09	24.30
	N	145	145	145	145	145	145	145	145	145	145
Female (♀)	Mean	8.87	4.01	2.46	0.98	1.35	0.07	43.75	29.68	11.27	14.57
	Low	3.64	1.54	0.44	0.24	0.22	0.00	27.39	7.22	5.28	3.37
	High	14.90	8.75	4.52	1.71	4.04	0.33	70.54	50.48	16.86	27.83
	N	134	134	134	134	134	134	134	134	134	134

Cri:LVG(SYR)		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	0.52	8.47	15.6	53.2	63.1	18.5	29.3	16.7	671	4.1
	Low	0.03	7.15	13.4	46.4	53.3	15.2	26.2	15.5	334	3.6
	High	2.31	10.32	17.8	59.7	71.1	21.3	33.5	19.7	1309	5.2
	N	145	145	145	145	145	145	145	145	145	145
Female (♀)	Mean	0.73	7.98	15.1	52.4	65.8	19.0	28.8	16.6	780	4.0
	Low	0.01	6.78	13.2	44.9	60.2	16.3	26.4	15.6	398	3.6
	High	3.02	9.59	17.0	59.7	72.9	21.8	32.7	18.0	1218	4.5
	N	134	134	134	134	134	134	134	134	134	134

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Age: 8-36 Weeks (♂), 8-12 Weeks (♀)

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Cri:LVG(SYR)		CHOL (mg/dL)	TRG (mg/dL)	GGT (U/L)	ALT (U/L)	AST (U/L)	ALK (U/L)	TBIL (mg/dL)	GLU (mg/dL)	PHOS (mg/dL)	
Male (♂)	Mean	127	245	7	170	125	113	0.3	288	10.4	
	95% interval	Low	78	112	0	55	37	51	0.2	136	7.7
		High	217	510	15	523	377	239	0.7	514	15.5
		N	143	142	115	142	144	142	141	143	142
Female (♀)	Mean	176	302	3	103	88	213	0.3	311	10.9	
	95% interval	Low	109	179	0	62	46	139	0.2	147	8.2
		High	345	445	11	217	212	283	0.5	496	14.4
		N	115	115	107	112	115	115	112	115	115

Cri:LVG(SYR)		TPR (g/dL)	CAL (mg/dL)	BUN (mg/dL)	CRE (mg/dL)	ALB (g/dL)	NA (meq/L)	K (meq/L)	CL (meq/L)	
Male (♂)	Mean	6.6	13.6	17	0.4	3.9	146.7	10.34	101.1	
	95% interval	Low	5.4	12.2	11	0.3	3.0	138.7	8.03	95.9
		High	7.5	14.7	22	0.5	4.5	161.2	14.12	112.9
		N	142	142	143	142	142	135	134	135
Female (♀)	Mean	6.2	14.0	17	0.3	3.7	142.9	9.96	100.7	
	95% interval	Low	5.5	12.5	10	0.2	3.3	131.2	7.87	95.0
		High	7.2	15.0	24	0.5	4.0	152.9	13.83	109.2
		N	115	115	115	112	115	102	102	102

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Age: 8-36 Weeks (♂), 8-12 Weeks (♀)