

SCID Beige Mouse Hematology

North American Colonies*
January 2011 - December 2012

CB17.Cg-Prkdc ^{scid} Lyst ^{bg-J} /Crl		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	2.57	1.63	0.68	0.14	0.08	0.03	63.87	27.00	5.66	2.43
95% interval	Low	1.30	0.74	0.30	0.04	0.00	0.00	45.64	13.72	1.98	0.02
	High	5.47	3.16	1.60	0.33	0.40	0.16	79.82	40.26	9.94	8.60
	N	136	136	136	136	136	136	136	136	136	136
Female (♀)	Mean	2.97	1.62	1.07	0.17	0.07	0.03	57.60	32.93	6.35	2.13
95% interval	Low	1.36	0.45	0.37	0.06	0.00	0.00	26.95	19.34	2.33	0.06
	High	9.70	3.35	5.70	0.34	0.43	0.18	73.31	64.01	14.31	8.65
	N	132	132	132	132	132	132	132	132	132	132

CB17.Cg-Prkdc ^{scid} Lyst ^{bg-J} /Crl		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	1.05	11.57	16.2	60.7	52.5	14.0	26.6	18.7	1140	5.6
95% interval	Low	0.00	9.56	12.6	50.2	50.1	12.6	23.9	15.9	717	4.9
	High	3.65	13.95	21.3	73.7	55.0	15.8	30.1	25.1	1495	6.4
	N	136	136	136	136	136	136	136	136	136	136
Female (♀)	Mean	0.99	11.17	15.7	59.7	53.4	14.1	26.4	18.2	1086	5.5
95% interval	Low	0.00	9.20	9.6	49.3	51.1	12.7	23.8	16.0	491	4.9
	High	3.99	13.61	19.7	72.5	55.7	15.9	29.7	23.3	1480	6.4
	N	132	132	132	132	132	132	132	132	132	132

*Non-fasted samples were collected from animals housed in Charles River's standard production setting and analyzed with Drew Scientific HemaVet analyzer. Age: 8-10 weeks.

SCID Beige Mouse Biochemistry

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CB17.Cg-Prkdc ^{scid} Lyst ^{tg-J} /Crl		CHOL (mg/dL)	TRG (mg/dL)	ALT (U/L)	AST (U/L)	ALK (U/L)	TBIL (mg/dL)	GLU (mg/dL)	PHOS (mg/dL)	TPR (g/dL)
Male (♂)	Mean	200	381	55	123	156	0.5	216	11.4	6.1
95% interval	Low	135	128	28	51	80	0.2	150	8.9	5.1
	High	294	733	133	319	258	0.8	294	16.7	7.5
	N	102	102	101	102	102	102	102	101	102
Female (♀)	Mean	148	301	57	131	151	0.4	200	10.5	6.0
95% interval	Low	90	130	30	57	74	0.2	128	7.2	5.0
	High	216	555	113	393	248	0.8	277	15.5	7.3
	N	92	93	90	91	92	89	93	91	91

CB17.Cg-Prkdc ^{scid} Lyst ^{tg-J} /Crl		CAL (mg/dL)	BUN (mg/dL)	CRE (mg/dL)	ALB (g/dL)	NA (meq/L)	K (meq/L)	CL (meq/L)
Male (♂)	Mean	10.7	19	0.4	3.6	159.0	10.73	122.9
95% interval	Low	9.0	13	0.2	3.1	146.1	8.34	110.0
	High	12.0	26	0.5	4.4	176.8	14.78	144.1
	N	101	102	100	101	100	97	100
Female (♀)	Mean	10.6	20	0.4	3.8	155.3	10.59	122.9
95% interval	Low	8.8	12	0.2	3.3	141.9	7.90	109.7
	High	12.0	31	0.6	4.6	167.7	14.27	151.3
	N	90	92	89	90	91	91	91

*Non-fasted samples were collected from animals housed in Charles River's standard production setting and analyzed with Alfa-Wassermann Ace Alera clinical analyzer. Age: 8-10 weeks.