

NOD SCID Mouse Hematology

North American Colonies*

January 2011 - December 2011

NOD.CB17-Prkdc ^{scid} /NcrCrI		WBC	NEUT	LYMPH	MONO	EOS	BASO	NEUT	LYMPH	MONO	EOS
		(K/ μ L)	(K/ μ L)	(K/ μ L)	(K/ μ L)	(K/ μ L)	(K/ μ L)	(%)	(%)	(%)	(%)
Male (♂)	Mean	1.89	1.21	0.50	0.11	0.06	0.01	64.14	26.58	5.82	2.84
95% interval	Low	0.94	0.54	0.26	0.03	0.01	0.00	44.21	16.83	1.74	0.30
	High	4.12	2.15	1.56	0.25	0.33	0.11	79.12	40.93	11.74	8.67
	N	120	120	120	120	120	120	120	120	120	120
Female (♀)	Mean	2.18	1.44	0.52	0.11	0.09	0.02	66.35	24.13	5.37	3.46
95% interval	Low	0.96	0.60	0.23	0.03	0.00	0.00	47.00	13.51	1.71	0.29
	High	4.68	3.16	1.32	0.26	0.39	0.15	79.92	42.61	10.93	10.32
	N	120	120	120	120	120	120	120	120	120	120

NOD.CB17-Prkdc ^{scid} /NcrCrI		BASO	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	PLT	MPV
		(%)	(M/ μ L)	(g/dL)	(%)	(fL)	(pg)	(g/dL)	(%)	(K/ μ L)	(fL)
Male (♂)	Mean	0.62	9.19	14.0	49.9	54.4	15.3	28.1	18.4	1561	5.2
95% interval	Low	0.00	7.84	11.8	44.1	51.1	13.7	25.1	17.3	914	4.3
	High	2.76	10.84	16.6	57.2	58.6	17.2	31.2	20.3	2055	6.0
	N	120	120	120	120	120	120	120	120	120	120
Female (♀)	Mean	0.68	9.23	14.2	49.7	53.8	15.4	28.5	18.2	1284	5.2
95% interval	Low	0.00	8.21	12.1	44.6	51.3	13.9	25.7	17.4	651	4.2
	High	3.55	10.48	17.6	58.3	56.3	17.1	31.3	19.5	1878	6.3
	N	120	120	120	120	120	120	120	120	120	120

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

NOD SCID Mouse Biochemistry

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NOD.CB17-Prkdc ^{scid} /NcrCrI		CHOL	TRG	ALT	AST	ALK	TBIL	GLU	PHOS
		(mg/dL)	(mg/dL)	(U/L)	(U/L)	(U/L)	(mg/dL)	(mg/dL)	(mg/dL)
Male (♂)	Mean	167	266	42	87	114	0.4	207	12.2
95% interval	Low	123	133	27	56	45	0.3	154	8.3
	High	237	513	87	193	203	0.6	283	15.6
	N	75	75	75	75	75	75	75	75
Female (♀)	Mean	130	225	47	114	131	0.4	195	10.8
95% interval	Low	104	108	29	63	64	0.3	141	8.5
	High	182	413	80	227	198	0.5	256	14.7
	N	63	63	63	63	63	63	63	63

NOD.CB17-Prkdc ^{scid} /NcrCrI		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	6.1	11.1	20	0.3	3.8	159.3	10.81	124.8
95% interval	Low	5.5	10.3	15	0.2	3.4	145.7	9.35	113.0
	High	6.8	11.9	27	0.6	4.1	173.4	14.74	143.0
	N	75	75	75	75	75	75	75	75
Female (♀)	Mean	6.1	11.0	22	0.3	3.9	159.6	9.89	127.2
95% interval	Low	5.5	10.2	16	0.2	3.4	146.9	8.70	113.5
	High	7.0	11.8	28	0.5	4.6	173.0	12.29	146.5
	N	63	63	63	63	63	63	63	63.00

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Age: 8-10 Weeks.