

## C57BL/6 Mouse Hematology

North American Colonies\*  
January 2008 - December 2012

C57BL/6NCrI		WBC (K/ $\mu$ L)	NEUT (K/ $\mu$ L)	LYMPH (K/ $\mu$ L)	MONO (K/ $\mu$ L)	EOS (K/ $\mu$ L)	BASO (K/ $\mu$ L)	NEUT (%)	LYMPH (%)	MONO (%)	EOS (%)
Male ( $\sigma$ )	Mean	8.90	1.44	6.87	0.41	0.14	0.03	15.89	77.41	4.61	1.55
95% interval	Low	4.45	0.53	3.24	0.15	0.01	0.00	7.36	61.26	2.18	0.13
	High	13.96	3.09	11.15	0.94	0.42	0.13	28.59	87.18	11.02	4.42
	N	123	123	123	123	123	123	123	121	121	121
Female ( $\rho$ )	Mean	8.44	1.19	6.71	0.36	0.15	0.03	14.00	79.55	4.37	1.69
95% interval	Low	3.90	0.42	2.88	0.17	0.01	0.00	7.44	70.19	2.19	0.20
	High	13.94	2.55	10.92	0.69	0.50	0.14	22.67	87.82	7.06	4.51
	N	125	125	125	125	125	125	125	123	123	123

C57BL/6NCrI		BASO (%)	RBC (M/ $\mu$ L)	HGB (g/dL)	HCT (%)	MCV (fL)	MCH (pg)	MCHC (g/dL)	RDW (%)	PLT (K/ $\mu$ L)	MPV (fL)
Male ( $\sigma$ )	Mean	0.38	9.48	14.2	46.6	49.2	14.8	30.2	17.9	1347	5.0
95% interval	Low	0.01	7.14	10.8	37.3	42.7	11.7	24.6	15.9	841	4.3
	High	1.24	12.20	19.2	62.0	56.0	16.3	34.9	20.3	2159	6.1
	N	121	121	121	121	121	121	121	121	115	115
Female ( $\rho$ )	Mean	0.34	9.24	13.8	45.4	49.2	15.0	30.7	17.9	1167	4.9
95% interval	Low	0.02	7.37	10.9	37.2	42.6	13.0	26.0	16.1	565	4.3
	High	1.26	11.50	18.1	58.0	55.6	16.8	35.9	21.1	1849	5.6
	N	123	123	123	123	123	123	123	123	117	117

\*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.

## C57BL/6 Mouse Biochemistry

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C57BL/6NCrI		CHOL	TRG	ALT	AST	ALK	TBIL	GLU	PHOS	TPR
		(mg/dL)	(mg/dL)	(U/L)	(U/L)	(U/L)	(mg/dL)	(mg/dL)	(mg/dL)	(g/dL)
Male (♂)	Mean	114	157	68	131	195	0.3	259	11.1	5.6
95% interval	Low	69	67	28	46	111	0.2	172	7.9	4.8
	High	169	278	129	392	275	0.6	372	14.5	7.0
	N	162	161	148	156	158	153	158	159	156
Female (♀)	Mean	104	160	57	133	228	0.3	240	10.5	5.7
95% interval	Low	55	75	27	43	105	0.2	177	7.3	4.8
	High	164	289	195	397	370	0.6	348	13.5	7.2
	N	167	167	158	161	160	156	159	161	159

C57BL/6NCrI		CAL	BUN	CRE	ALB	NA	K	CL	GGT
		(mg/dL)	(mg/dL)	(mg/dL)	(g/dL)	(meq/L)	(meq/L)	(meq/L)	U/L
Male (♂)	Mean	11.0	14	0.3	3.2	157.5	9.39	117.0	3
95% interval	Low	9.7	7	0.2	2.8	145.2	7.59	110.7	0
	High	12.5	28	0.5	3.8	176.2	11.18	129.8	8
	N	156	157	141	154	90	90	90	53
Female (♀)	Mean	11.1	14	0.3	3.4	158.7	8.83	118.4	3
95% interval	Low	9.7	5	0.2	2.4	147.5	7.27	111.9	0
	High	12.3	26	0.5	4.3	181.2	10.82	134.0	9
	N	155	159	141	157	66	66	66	49

\*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.