

CDF (Fischer) Rat Hematology

North American Colonies*
January 2009 - December 2009

F344/DuCrI		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 (σ)	Mean	6.71	2.47	3.64	0.52	0.06	0.02	37.25	53.97	7.55	0.88
	Low	2.06	0.73	1.00	0.09	0.00	0.00	24.66	39.57	3.71	0.01
	High	9.61	3.94	5.67	0.99	0.26	0.08	52.65	67.32	11.81	3.65
	N	216	216	216	216	216	216	216	216	216	216
Female (ρ)	Mean	7.41	2.36	4.39	0.50	0.13	0.03	32.13	59.13	6.81	1.55
	Low	1.92	0.49	1.15	0.07	0.00	0.00	19.12	41.61	2.90	0.06
	High	11.64	4.36	7.52	0.95	0.53	0.12	47.33	74.18	11.69	5.52
	N	210	210	210	210	210	210	210	210	210	210

F344/DuCrI		BASO (%)	RBC (M/ μ L)	HGB (g/dL)	HCT (%)	MCV (fL)	MCH (pg)	MCHC (g/dL)	RDW (%)	PLT (K/ μ L)	MPV (fL)
Male (σ)	Mean	0.35	8.32	16.4	53.7	64.7	19.8	30.6	15.4	1112	6.9
	Low	0.00	7.05	14.0	46.5	59.5	16.7	26.6	14.2	802	5.8
	High	1.09	9.67	18.9	62.0	68.7	22.1	33.6	17.1	1577	8.2
	N	216	216	216	216	216	216	216	216	216	216
Female (ρ)	Mean	0.38	8.08	15.9	53.8	66.7	19.7	29.6	13.4	1093	6.8
	Low	0.02	6.56	13.1	43.5	63.4	17.0	26.2	12.4	651	5.7
	High	1.29	9.37	18.4	62.0	70.2	21.9	32.4	14.5	1505	8.1
	N	210	209	209	209	210	210	210	210	209	210

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

CDF (Fischer) Rat Biochemistry

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F344/DuCrl		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	75	319	187	274	377	0.3	277	13.6
95% interval	Low	61	140	64	80	254	0.2	173	11.2
	High	95	589	940	1001	484	0.7	405	16.9
	N	224	224	223	224	224	224	224	219
Female (♀)	Mean	113	190	103	252	242	0.3	233	11.9
95% interval	Low	86	87	45	77	187	0.2	132	9.7
	High	141	333	473	969	334	0.9	348	15.5
	N	222	222	219	218	222	220	222	216

F344/DuCrl		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	7.1	12.5	15	0.5	3.9	144.9	8.13	97.9
95% interval	Low	6.1	10.3	11	0.3	3.5	135.2	5.92	93.2
	High	7.9	13.8	20	0.6	4.3	154.0	11.70	105.1
	N	224	224	224	224	224	223	223	223
Female (♀)	Mean	7.0	12.0	13	0.4	3.9	145.7	6.78	100.2
95% interval	Low	6.0	10.0	8	0.2	3.5	138.4	5.41	95.7
	High	8.2	13.6	18	0.6	4.5	152.0	9.77	111.2
	N	220	220	218	222	218	206	206	206

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