

## NOG Mice Hematology

2023

NOG		WBC	RBC	HGB	HCT	MCV	MCH	MCHC	RDW-CV	PLT	MPV
		(10 <sup>9</sup> /L)	(10 <sup>12</sup> /L)	(g/L)	(%)	(fL)	(pg)	(g/L)	(%)	(10 <sup>9</sup> /L)	(fL)
Male	Mean	2.04	9.01	147	46.9	52.0	16.3	313	14.4	1844	5.3
	Min	0.98	8.06	136	43.1	48.2	15.7	296	13.2	1415	4.8
	Max	3.06	9.62	153	51.0	56.6	17.0	332	15.9	2119	5.7
	S.D.	0.52	0.37	5	2.4	2.5	0.3	11	0.7	160	0.2
Female	Mean	2.39	8.93	145	46.7	52.3	16.3	312	15.0	1605	5.4
	Min	1.26	8.41	140	44.4	50.7	15.9	302	14.1	1165	5.1
	Max	4.03	9.59	153	50.5	53.5	16.6	322	15.8	2029	5.9
	S.D.	0.69	0.27	3	1.5	0.7	0.2	5	0.4	174	0.2

NOG		Neu #	Lym #	Mon #	Eos #	Bas #	Neu %	Lym %	Mon %	Eos %	Bas %
		(10 <sup>9</sup> /L)	(10 <sup>9</sup> /L)	(10 <sup>9</sup> /L)	(10 <sup>9</sup> /L)	(10 <sup>9</sup> /L)	(%)	(%)	(%)	(%)	(%)
Male	Mean	1.28	0.04	0.58	0.10	0.02	61.9	2.4	27.9	6.3	1.0
	Min	0.56	0.00	0.32	0.03	0.00	53.8	0.1	21.5	1.8	0.0
	Max	2.02	0.13	0.97	0.17	0.04	71.7	7.8	39.0	16.2	2.2
	S.D.	0.37	0.04	0.14	0.04	0.01	4.9	2.1	4.4	3.7	0.6
Female	Mean	1.59	0.04	0.61	0.12	0.01	66.1	1.9	25.2	5.8	0.8
	Min	0.83	0.00	0.29	0.04	0.00	56.1	0.1	14.8	2.0	0.0
	Max	2.67	0.12	1.19	0.27	0.04	75.4	5.2	33.6	12.8	2.0
	S.D.	0.49	0.03	0.22	0.06	0.01	5.3	1.5	4.5	2.8	0.7

Male(N=35), Female(N=35)

Age:7-8 weeks.

Analyzing Equipment: Mindray BC-5000Vet

## NOG Mice Clinical Chemistry

2023

NOG		ALT	AST	ALP	TBIL	CK	TP	ALB	GLO	UREA
		(U/L)	(U/L)	(U/L)	( $\mu$ mol/L)	(U/L)	(g/L)	(g/L)	(g/L)	(mmol/L)
Male	Mean	44.6	129.8	155.2	2.12	153.9	54.8	33.8	21.6	9.07
	Min	21.6	75.0	124.0	1.52	71.0	51.6	31.4	20.0	7.74
	Max	90.0	221.4	210.2	2.90	315.0	57.0	37.6	24.6	11.04
	S.D.	21.4	44.4	20.7	0.36	61.1	1.5	1.6	1.2	0.85
Female	Mean	33.1	145.7	150.2	3.01	255.1	50.3	32.4	17.9	9.10
	Min	18.0	93.2	119.0	2.52	114.4	45.6	29.2	15.4	7.96
	Max	63.2	197.6	194.0	3.66	467.0	55.6	36.0	20.0	10.36
	S.D.	12.4	29.0	19.6	0.33	82.2	2.4	1.5	1.1	0.64

NOG		CREA	GLU	TC	TG	Ca	P	Mg	HDL-C	LDL-C	LDH
		( $\mu$ mol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(mmol/L)	(U/L)
Male	Mean	11.4	11.07	2.54	1.76	2.67	3.70	1.16	1.97	0.21	669.1
	Min	9.4	7.48	2.20	0.88	2.56	3.32	1.08	1.74	0.10	495.8
	Max	13.6	16.24	3.02	3.06	2.78	4.24	1.34	2.20	0.30	947.6
	S.D.	1.2	2.12	0.19	0.52	0.06	0.26	0.07	0.12	0.04	114.6
Female	Mean	5.5	10.98	1.66	0.74	2.38	3.25	1.25	1.37	0.23	462.9
	Min	3.0	7.52	1.32	0.54	2.24	2.86	1.12	1.06	0.16	282.2
	Max	8.0	16.28	1.96	1.00	2.52	3.98	1.38	1.58	0.30	696.0
	S.D.	1.5	2.38	0.18	0.11	0.08	0.28	0.07	0.13	0.04	85.3

Male(N=25), Female(N=30)

Age:7-8 weeks

Analyzing Equipment: Mindray BS-430