

## Wistar Rats Hematology

2023

Wistar Rats		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	12.27	7.17	156	47.1	65.9	21.9	331	12.6	1400	7.0
	Min	7.93	6.39	139	42.3	56.6	20.2	320	11.2	933	6.4
	Max	17.98	8.21	175	52.1	72.7	23.8	344	14.7	1788	7.9
	S.D.	2.74	0.46	8	2.2	3.3	0.8	6	0.8	206	0.3
Female	Mean	8.14	7.22	155	45.7	63.3	21.6	341	12.1	1284	7.2
	Min	5.81	6.20	142	41.0	60.4	20.5	330	11.2	962	6.4
	Max	11.27	8.03	170	49.9	66.9	22.9	350	13.3	1638	8.3
	S.D.	1.41	0.42	7	2.0	1.9	0.7	5	0.6	158	0.4

Wistar Rats		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	1.35	9.52	1.08	0.09	0.08	11.3	77.4	9.3	0.8	0.7
	Min	0.78	6.30	0.65	0.06	0.03	7.2	67.8	5.7	0.4	0.3
	Max	2.17	15.31	1.54	0.15	0.13	17.0	85.2	15.0	1.7	1.1
	S.D.	0.34	2.31	0.22	0.02	0.02	2.4	4.1	2.1	0.3	0.2
Female	Mean	0.64	6.15	1.10	0.11	0.05	8.2	75.3	12.8	1.4	0.7
	Min	0.30	3.68	0.46	0.04	0.02	4.9	57.8	6.9	0.7	0.3
	Max	1.03	8.91	2.11	0.20	0.09	15.1	83.0	22.0	2.3	1.1
	S.D.	0.18	1.32	0.39	0.03	0.02	2.8	6.8	3.4	0.4	0.2

Male(N=40), Female(N=38)

Age:7-8 weeks.

Analyzing Equipment: Mindray BC-5000Vet

## Wistar Rats Clinical Chemistry

2023

Wistar Rats		ALT	AST	ALP	TBIL	CK	TP	ALB	GLO	UREA	GGT
		(U/L)	(U/L)	(U/L)	( $\mu$ mol/L)	(U/L)	(g/L)	(g/L)	(g/L)	(mmol/L)	(U/L)
Male	Mean	59.3	154.7	340.7	0.28	336.9	63.5	37.0	26.6	7.78	0.7
	Min	40.4	99.3	174.4	-0.03	86.1	58.9	34.4	24.2	5.30	0.4
	Max	86.8	259.2	523.8	0.68	675.7	69.0	39.7	30.0	10.37	1.2
	S.D.	9.8	41.1	81.5	0.18	150.6	2.3	1.3	1.3	0.97	0.2
Female	Mean	60.1	169.4	179.9	0.24	394.4	63.6	37.1	26.3	8.48	0.9
	Min	40.5	111.2	97.6	0.01	168.0	57.1	34.3	22.8	5.70	0.3
	Max	86.2	244.8	278.8	0.67	764.9	71.5	40.9	29.3	11.66	1.8
	S.D.	12.7	38.2	41.4	0.16	153.1	3.1	1.4	1.5	1.64	0.3

Wistar Rats		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	31.1	5.57	2.28	0.82	3.60	3.95	1.70	1.56	0.45	288.4
	Min	24.2	4.52	1.45	0.28	3.05	3.39	1.54	1.00	0.27	136.7
	Max	39.6	6.60	3.06	1.43	5.01	4.69	1.92	2.03	0.68	670.8
	S.D.	3.7	0.54	0.38	0.32	0.52	0.29	0.09	0.24	0.10	144.7
Female	Mean	39.0	5.67	2.06	0.98	4.07	4.03	1.70	1.49	0.31	457.1
	Min	31.1	3.91	1.46	0.46	3.20	3.38	1.48	1.08	0.20	199.8
	Max	47.6	7.47	2.83	1.80	5.18	4.82	1.90	2.09	0.45	921.4
	S.D.	4.3	0.76	0.36	0.33	0.54	0.33	0.11	0.25	0.06	183.4

Male(N=40), Female(N=38)

Age:7-8 weeks

Analyzing Equipment: Mindray BS-430