

MINOTROL-16™

Hematology Reference Control

9755 Research Drive
Irvine, California 92618
Telephone: (949) 453-0500
(888) 903-5001
Fax: (949) 753-0533

Lot No.: **MX439X**
Exp. Date: **2023-03-10** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # MX439XL			Normal Lot # MX439XN			High Abnormal Lot # MX439XH		
		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS 60 ADVIA® 60	WBC K/μL	2.0	0.4	1.6 - 2.4	7.6	0.8	6.8 - 8.4	20.0	1.7	18.3 - 21.7
	RBC M/μL	2.20	0.17	2.03 - 2.37	4.38	0.26	4.12 - 4.64	5.54	0.32	5.22 - 5.86
	HGB g/dL	5.9	0.5	5.4 - 6.4	13.3	0.7	12.6 - 14.0	17.9	0.9	17.0 - 18.8
	HCT %	15.8	2.0	13.8 - 17.8	36.4	2.7	33.7 - 39.1	50.4	3.4	47.0 - 53.8
	MCV fL	72	4	68 - 76	83	4	79 - 87	91	4	87 - 95
	MCH pg	26.8	2.0	24.8 - 28.8	30.4	2.0	28.4 - 32.4	32.3	2.0	30.3 - 34.3
	MCHC g/dL	37.2	3.0	34.2 - 40.2	36.6	3.0	33.6 - 39.6	35.5	3.0	32.5 - 38.5
	RDW %	14.0	3.0	11.0 - 17.0	13.0	3.0	10.0 - 16.0	12.5	3.0	9.5 - 15.5
	PLT K/μL	75	22	53 - 97	253	40	213 - 293	511	65	446 - 576
	MPV fL	7.9	2.0	5.9 - 9.9	7.5	2.0	5.5 - 9.5	7.6	2.0	5.6 - 9.6
	Lym %	65.5	8.0	57.5 - 73.5	35.5	5.0	30.5 - 40.5	15.5	5.0	10.5 - 20.5
	Lym K/μL	1.3	0.2	1.1 - 1.5	2.7	0.4	2.3 - 3.1	3.1	1.0	2.1 - 4.1
	Mon %	9.0	6.0	3.0 - 15.0	7.0	4.0	3.0 - 11.0	5.0	4.0	1.0 - 9.0
	Mon K/μL	0.2	0.2	0.0 - 0.4	0.5	0.3	0.2 - 0.8	1.0	0.8	0.2 - 1.8
	Gran %	25.5	7.0	18.5 - 32.5	57.5	6.0	51.5 - 63.5	79.5	7.0	72.5 - 86.5
Gran K/μL	0.5	0.2	0.3 - 0.7	4.4	0.5	3.9 - 4.9	15.9	1.4	14.5 - 17.3	
ABX MICROS ESV 60	WBC K/μL	1.8	0.4	1.4 - 2.2	7.1	0.8	6.3 - 7.9	19.7	1.6	18.1 - 21.3
	RBC M/μL	2.20	0.15	2.05 - 2.35	4.40	0.18	4.22 - 4.58	5.53	0.20	5.33 - 5.73
	HGB g/dL	5.7	0.4	5.3 - 6.1	13.1	0.5	12.6 - 13.6	17.8	0.6	17.2 - 18.4
	HCT %	15.6	2.0	13.6 - 17.6	36.1	2.5	33.6 - 38.6	49.2	3.0	46.2 - 52.2
	MCV fL	71	4	67 - 75	82	4	78 - 86	89	4	85 - 93
	MCH pg	25.9	2.0	23.9 - 27.9	29.8	2.0	27.8 - 31.8	32.2	2.0	30.2 - 34.2
	MCHC g/dL	36.5	3.0	33.5 - 39.5	36.3	3.0	33.3 - 39.3	36.2	3.0	33.2 - 39.2
	RDW %	15.5	3.0	12.5 - 18.5	14.5	3.0	11.5 - 17.5	14.0	3.0	11.0 - 17.0
	PLT K/μL	75	20	55 - 95	254	40	214 - 294	513	45	468 - 558
	MPV fL	8.8	2.0	6.8 - 10.8	8.5	2.0	6.5 - 10.5	8.8	2.0	6.8 - 10.8
	Lym %	57.0	8.0	49.0 - 65.0	29.0	5.0	24.0 - 34.0	12.0	5.0	7.0 - 17.0
	Lym K/μL	1.0	0.2	0.8 - 1.2	2.1	0.4	1.7 - 2.5	2.4	1.0	1.4 - 3.4
	Mon %	11.5	6.0	5.5 - 17.5	9.0	4.0	5.0 - 13.0	5.0	4.0	1.0 - 9.0
	Mon K/μL	0.2	0.1	0.1 - 0.3	0.6	0.3	0.3 - 0.9	1.0	0.8	0.2 - 1.8
	Gran %	31.5	7.0	24.5 - 38.5	62.0	6.0	56.0 - 68.0	83.0	7.0	76.0 - 90.0
Gran K/μL	0.6	0.2	0.4 - 0.8	4.4	0.5	3.9 - 4.9	16.4	1.4	15.0 - 17.8	

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		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS ES 60	WBC K/μL	2.0	0.4	1.6 - 2.4	7.6	0.8	6.8 - 8.4	19.9	1.7	18.2 - 21.6
	RBC M/μL	2.21	0.17	2.04 - 2.38	4.40	0.26	4.14 - 4.66	5.58	0.32	5.26 - 5.90
	HGB g/dL	5.8	0.5	5.3 - 6.3	13.2	0.7	12.5 - 13.9	17.7	0.9	16.8 - 18.6
	HCT %	15.7	2.0	13.7 - 17.7	36.1	2.7	33.4 - 38.8	50.2	3.4	46.8 - 53.6
	MCV fL	71	4	67 - 75	82	4	78 - 86	90	4	86 - 94
	MCH pg	26.2	2.0	24.2 - 28.2	30.0	2.0	28.0 - 32.0	31.7	2.0	29.7 - 33.7
	MCHC g/dL	37.0	3.0	34.0 - 40.0	36.6	3.0	33.6 - 39.6	35.2	3.0	32.2 - 38.2
	RDW %	15.0	3.0	12.0 - 18.0	15.0	3.0	12.0 - 18.0	14.0	3.0	11.0 - 17.0
	PLT K/μL	74	22	52 - 96	256	40	216 - 296	519	65	454 - 584
	MPV fL	9.0	2.0	7.0 - 11.0	8.0	2.0	6.0 - 10.0	8.4	2.0	6.4 - 10.4
	Lym %	63.0	8.0	55.0 - 71.0	35.5	5.0	30.5 - 40.5	16.5	5.0	11.5 - 21.5
	Lym K/μL	1.3	0.2	1.1 - 1.5	2.7	0.4	2.3 - 3.1	3.3	1.0	2.3 - 4.3
	Mon %	11.0	6.0	5.0 - 17.0	8.0	4.0	4.0 - 12.0	5.0	4.0	1.0 - 9.0
	Mon K/μL	0.2	0.1	0.1 - 0.3	0.6	0.3	0.3 - 0.9	1.0	0.8	0.2 - 1.8
	Gran %	26.0	7.0	19.0 - 33.0	56.5	6.0	50.5 - 62.5	78.5	7.0	71.5 - 85.5
Gran K/μL	0.5	0.2	0.3 - 0.7	4.3	0.5	3.8 - 4.8	15.6	1.4	14.2 - 17.0	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	14.5	2.2	12.3 - 16.7	33.8	3.0	30.8 - 36.8	47.1	4.0	43.1 - 51.1

For technical assistance, call the Customer Support Center at 1-888-903-5001.

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