

MINOTROL-16™

Hematology Reference Control

9755 Research Drive
Irvine, California 92618
Telephone: (949) 453-0500
(888) 903-5001
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Lot No.: **MX438**
Exp. Date: **2023-01-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # MX438L			Normal Lot # MX438N			High Abnormal Lot # MX438H		
		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS 60 ADVIA® 60	WBC K/μL	2.1	0.4	1.7 - 2.5	7.7	0.8	6.9 - 8.5	20.8	1.7	19.1 - 22.5
	RBC M/μL	2.22	0.17	2.05 - 2.39	4.57	0.26	4.31 - 4.83	5.66	0.32	5.34 - 5.98
	HGB g/dL	6.0	0.5	5.5 - 6.5	13.4	0.7	12.7 - 14.1	18.2	0.9	17.3 - 19.1
	HCT %	16.0	2.0	14.0 - 18.0	37.5	2.7	34.8 - 40.2	50.9	3.4	47.5 - 54.3
	MCV fL	72	4	68 - 76	82	4	78 - 86	90	4	86 - 94
	MCH pg	27.0	2.0	25.0 - 29.0	29.3	2.0	27.3 - 31.3	32.2	2.0	30.2 - 34.2
	MCHC g/dL	37.5	3.0	34.5 - 40.5	35.8	3.0	32.8 - 38.8	35.7	3.0	32.7 - 38.7
	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	81	22	59 - 103	248	40	208 - 288	528	65	463 - 593
	MPV fL	7.5	2.0	5.5 - 9.5	7.6	2.0	5.6 - 9.6	7.2	2.0	5.2 - 9.2
	Lym %	65.0	8.0	57.0 - 73.0	34.5	5.0	29.5 - 39.5	16.0	5.0	11.0 - 21.0
	Lym K/μL	1.4	0.4	1.0 - 1.8	2.7	0.4	2.3 - 3.1	3.3	1.0	2.3 - 4.3
	Mon %	10.0	6.0	4.0 - 16.0	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 %	25.0	7.0	18.0 - 32.0	58.5	6.0	52.5 - 64.5	79.0	7.0	72.0 - 86.0	
Gran K/μL	0.5	0.4	0.1 - 0.9	4.5	0.6	3.9 - 5.1	16.4	1.4	15.0 - 17.8	
ABX MICROS ESV 60	WBC K/μL	1.9	0.4	1.5 - 2.3	7.4	0.8	6.6 - 8.2	20.4	1.6	18.8 - 22.0
	RBC M/μL	2.27	0.15	2.12 - 2.42	4.55	0.18	4.37 - 4.73	5.69	0.20	5.49 - 5.89
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.4	0.5	12.9 - 13.9	18.1	0.6	17.5 - 18.7
	HCT %	16.3	2.0	14.3 - 18.3	36.9	2.5	34.4 - 39.4	50.6	3.0	47.6 - 53.6
	MCV fL	72	4	68 - 76	81	4	77 - 85	89	4	85 - 93
	MCH pg	26.0	2.0	24.0 - 28.0	29.5	2.0	27.5 - 31.5	31.8	2.0	29.8 - 33.8
	MCHC g/dL	36.1	3.0	33.1 - 39.1	36.4	3.0	33.4 - 39.4	35.7	3.0	32.7 - 38.7
	RDW %	15.5	3.0	12.5 - 18.5	14.5	3.0	11.5 - 17.5	13.5	3.0	10.5 - 16.5
	PLT K/μL	75	20	55 - 95	250	40	210 - 290	538	45	493 - 583
	MPV fL	8.3	2.0	6.3 - 10.3	8.8	2.0	6.8 - 10.8	8.5	2.0	6.5 - 10.5
	Lym %	57.0	8.0	49.0 - 65.0	28.0	5.0	23.0 - 33.0	12.5	5.0	7.5 - 17.5
	Lym K/μL	1.1	0.4	0.7 - 1.5	2.1	0.4	1.7 - 2.5	2.6	1.0	1.6 - 3.6
	Mon %	11.0	6.0	5.0 - 17.0	7.5	4.0	3.5 - 11.5	5.0	4.0	1.0 - 9.0
	Mon K/μL	0.2	0.2	0.0 - 0.4	0.6	0.3	0.3 - 0.9	1.0	0.8	0.2 - 1.8
Gran %	32.0	7.0	25.0 - 39.0	64.5	6.0	58.5 - 70.5	82.5	7.0	75.5 - 89.5	
Gran K/μL	0.6	0.4	0.2 - 1.0	4.8	0.6	4.2 - 5.4	16.8	1.4	15.4 - 18.2	

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Parameter/Units	Low Abnormal Lot # MX438L			Normal Lot # MX438N			High Abnormal Lot # MX438H			
	Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits	
ABX MICROS ES 60	WBC K/ μ L	2.2	0.4	1.8 - 2.6	7.6	0.8	6.8 - 8.4	20.6	1.7	18.9 - 22.3
	RBC M/ μ L	2.25	0.17	2.08 - 2.42	4.60	0.26	4.34 - 4.86	5.70	0.32	5.38 - 6.02
	HGB g/dL	6.0	0.5	5.5 - 6.5	13.4	0.7	12.7 - 14.1	18.1	0.9	17.2 - 19.0
	HCT %	16.2	2.0	14.2 - 18.2	37.3	2.7	34.6 - 40.0	50.7	3.4	47.3 - 54.1
	MCV fL	72	4	68 - 76	81	4	77 - 85	89	4	85 - 93
	MCH pg	26.7	2.0	24.7 - 28.7	29.1	2.0	27.1 - 31.1	31.8	2.0	29.8 - 33.8
	MCHC g/dL	37.0	3.0	34.0 - 40.0	36.0	3.0	33.0 - 39.0	35.7	3.0	32.7 - 38.7
	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/ μ L	81	22	59 - 103	259	40	219 - 299	543	65	478 - 608
	MPV fL	8.0	2.0	6.0 - 10.0	8.1	2.0	6.1 - 10.1	7.7	2.0	5.7 - 9.7
	Lym %	65.5	8.0	57.5 - 73.5	34.0	5.0	29.0 - 39.0	16.0	5.0	11.0 - 21.0
	Lym K/ μ L	1.4	0.4	1.0 - 1.8	2.6	0.4	2.2 - 3.0	3.3	1.0	2.3 - 4.3
	Mon %	9.5	6.0	3.5 - 15.5	7.0	4.0	3.0 - 11.0	5.0	4.0	1.0 - 9.0
	Mon K/ μ L	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 %	25.0	7.0	18.0 - 32.0	59.0	6.0	53.0 - 65.0	79.0	7.0	72.0 - 86.0
Gran K/ μ L	0.6	0.4	0.2 - 1.0	4.5	0.6	3.9 - 5.1	16.3	1.4	14.9 - 17.7	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	14.7	2.2	12.5 - 16.9	34.9	3.0	31.9 - 37.9	47.6	4.0	43.6 - 51.6

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

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