

MINOTROL-16™

Hematology Reference Control

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

Lot No.: **MX438X**
Exp. Date: **2023-01-26** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # MX438XL			Normal Lot # MX438XN			High Abnormal Lot # MX438XH		
		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	20.3	1.7	18.6 - 22.0
	RBC M/μL	2.31	0.17	2.14 - 2.48	4.49	0.26	4.23 - 4.75	5.50	0.32	5.18 - 5.82
	HGB g/dL	6.2	0.5	5.7 - 6.7	13.4	0.7	12.7 - 14.1	17.7	0.9	16.8 - 18.6
	HCT %	16.6	2.0	14.6 - 18.6	36.8	2.7	34.1 - 39.5	49.5	3.4	46.1 - 52.9
	MCV fL	72	4	68 - 76	82	4	78 - 86	90	4	86 - 94
	MCH pg	26.8	2.0	24.8 - 28.8	29.8	2.0	27.8 - 31.8	32.2	2.0	30.2 - 34.2
	MCHC g/dL	37.3	3.0	34.3 - 40.3	36.4	3.0	33.4 - 39.4	35.8	3.0	32.8 - 38.8
	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	76	22	54 - 98	268	40	228 - 308	516	65	451 - 581
	MPV fL	8.4	2.0	6.4 - 10.4	7.9	2.0	5.9 - 9.9	7.8	2.0	5.8 - 9.8
	Lym %	64.0	8.0	56.0 - 72.0	33.0	5.0	28.0 - 38.0	16.0	5.0	11.0 - 21.0
	Lym K/μL	1.3	0.4	0.9 - 1.7	2.5	0.4	2.1 - 2.9	3.3	1.0	2.3 - 4.3
	Mon %	9.0	6.0	3.0 - 15.0	7.0	4.0	3.0 - 11.0	5.5	4.0	1.5 - 9.5
	Mon K/μL	0.2	0.2	0.0 - 0.4	0.5	0.3	0.2 - 0.8	1.1	0.8	0.3 - 1.9
	Gran %	27.0	7.0	20.0 - 34.0	60.0	6.0	54.0 - 66.0	78.5	7.0	71.5 - 85.5
Gran K/μL	0.5	0.4	0.1 - 0.9	4.6	0.6	4.0 - 5.2	15.9	1.4	14.5 - 17.3	
ABX MICROS ESV 60	WBC K/μL	1.8	0.4	1.4 - 2.2	7.2	0.8	6.4 - 8.0	19.6	1.6	18.0 - 21.2
	RBC M/μL	2.33	0.15	2.18 - 2.48	4.49	0.18	4.31 - 4.67	5.52	0.20	5.32 - 5.72
	HGB g/dL	6.0	0.4	5.6 - 6.4	13.3	0.5	12.8 - 13.8	17.6	0.6	17.0 - 18.2
	HCT %	16.5	2.0	14.5 - 18.5	36.8	2.5	34.3 - 39.3	49.1	3.0	46.1 - 52.1
	MCV fL	71	4	67 - 75	82	4	78 - 86	89	4	85 - 93
	MCH pg	25.8	2.0	23.8 - 27.8	29.6	2.0	27.6 - 31.6	31.9	2.0	29.9 - 33.9
	MCHC g/dL	36.3	3.0	33.3 - 39.3	36.1	3.0	33.1 - 39.1	35.8	3.0	32.8 - 38.8
	RDW %	15.5	3.0	12.5 - 18.5	15.0	3.0	12.0 - 18.0	14.0	3.0	11.0 - 17.0
	PLT K/μL	73	20	53 - 93	264	40	224 - 304	522	45	477 - 567
	MPV fL	9.2	2.0	7.2 - 11.2	8.8	2.0	6.8 - 10.8	8.7	2.0	6.7 - 10.7
	Lym %	55.0	8.0	47.0 - 63.0	27.0	5.0	22.0 - 32.0	12.0	5.0	7.0 - 17.0
	Lym K/μL	1.0	0.4	0.6 - 1.4	1.9	0.4	1.5 - 2.3	2.4	1.0	1.4 - 3.4
	Mon %	11.0	6.0	5.0 - 17.0	8.0	4.0	4.0 - 12.0	5.5	4.0	1.5 - 9.5
	Mon K/μL	0.2	0.2	0.0 - 0.4	0.6	0.3	0.3 - 0.9	1.1	0.8	0.3 - 1.9
	Gran %	34.0	7.0	27.0 - 41.0	65.0	6.0	59.0 - 71.0	82.5	7.0	75.5 - 89.5
Gran K/μL	0.6	0.4	0.2 - 1.0	4.7	0.6	4.1 - 5.3	16.2	1.4	14.8 - 17.6	

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Parameter/Units	Low Abnormal Lot # MX438XL			Normal Lot # MX438XN			High Abnormal Lot # MX438XH			
	Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits	
ABX MICROS ES 60	WBC K/ μ L	2.1	0.4	1.7 - 2.5	7.6	0.8	6.8 - 8.4	20.5	1.7	18.8 - 22.2
	RBC M/ μ L	2.33	0.17	2.16 - 2.50	4.53	0.26	4.27 - 4.79	5.54	0.32	5.22 - 5.86
	HGB g/dL	6.2	0.5	5.7 - 6.7	13.4	0.7	12.7 - 14.1	17.7	0.9	16.8 - 18.6
	HCT %	16.8	2.0	14.8 - 18.8	36.7	2.7	34.0 - 39.4	49.3	3.4	45.9 - 52.7
	MCV fL	72	4	68 - 76	81	4	77 - 85	89	4	85 - 93
	MCH pg	26.6	2.0	24.6 - 28.6	29.6	2.0	27.6 - 31.6	31.9	2.0	29.9 - 33.9
	MCHC g/dL	37.0	3.0	34.0 - 40.0	36.5	3.0	33.5 - 39.5	35.9	3.0	32.9 - 38.9
	RDW %	15.5	3.0	12.5 - 18.5	15.0	3.0	12.0 - 18.0	14.0	3.0	11.0 - 17.0
	PLT K/ μ L	78	22	56 - 100	278	40	238 - 318	530	65	465 - 595
	MPV fL	9.2	2.0	7.2 - 11.2	8.6	2.0	6.6 - 10.6	8.5	2.0	6.5 - 10.5
	Lym %	64.0	8.0	56.0 - 72.0	33.0	5.0	28.0 - 38.0	17.0	5.0	12.0 - 22.0
	Lym K/ μ L	1.3	0.4	0.9 - 1.7	2.5	0.4	2.1 - 2.9	3.5	1.0	2.5 - 4.5
	Mon %	9.0	6.0	3.0 - 15.0	7.5	4.0	3.5 - 11.5	5.5	4.0	1.5 - 9.5
	Mon K/ μ L	0.2	0.2	0.0 - 0.4	0.6	0.3	0.3 - 0.9	1.1	0.8	0.3 - 1.9
	Gran %	27.0	7.0	20.0 - 34.0	59.5	6.0	53.5 - 65.5	77.5	7.0	70.5 - 84.5
Gran K/ μ L	0.6	0.4	0.2 - 1.0	4.5	0.6	3.9 - 5.1	15.9	1.4	14.5 - 17.3	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	15.3	2.2	13.1 - 17.5	34.2	3.0	31.2 - 37.2	46.2	4.0	42.2 - 50.2

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