

MINOTROL-16™

Hematology Reference Control

9755 Research Drive
Irvine, California 92618
Telephone: (949) 453-0500
(888) 903-5001
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Lot No.: **MX434**
Exp. Date: **2022-05-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # MX434L			Normal Lot # MX434N			High Abnormal Lot # MX434H		
		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	7.8	0.8	7.0 - 8.6	20.5	1.6	18.9 - 22.1
	RBC M/μL	2.23	0.15	2.08 - 2.38	4.59	0.18	4.41 - 4.77	5.70	0.20	5.50 - 5.90
	HGB g/dL	6.0	0.4	5.6 - 6.4	13.7	0.6	13.1 - 14.3	18.5	0.7	17.8 - 19.2
	HCT %	16.1	2.0	14.1 - 18.1	37.6	2.5	35.1 - 40.1	50.7	3.0	47.7 - 53.7
	MCV fL	72	4	68 - 76	82	4	78 - 86	89	4	85 - 93
	MCH pg	26.9	2.0	24.9 - 28.9	29.8	2.0	27.8 - 31.8	32.5	2.0	30.5 - 34.5
	MCHC g/dL	37.4	3.0	34.4 - 40.4	36.4	3.0	33.4 - 39.4	36.5	3.0	33.5 - 39.5
	RDW %	13.5	3.0	10.5 - 16.5	13.0	3.0	10.0 - 16.0	12.0	3.0	9.0 - 15.0
	PLT K/μL	78	20	58 - 98	258	40	218 - 298	515	65	450 - 580
	MPV fL	8.3	2.0	6.3 - 10.3	7.8	2.0	5.8 - 9.8	7.8	2.0	5.8 - 9.8
	Lym %	63.0	8.0	55.0 - 71.0	33.0	5.0	28.0 - 38.0	15.0	5.0	10.0 - 20.0
	Lym K/μL	1.3	0.4	0.9 - 1.7	2.6	0.4	2.2 - 3.0	3.1	1.0	2.1 - 4.1
	Mon %	11.0	6.0	5.0 - 17.0	6.5	4.0	2.5 - 10.5	5.0	4.0	1.0 - 9.0
	Mon K/μL	0.3	0.2	0.1 - 0.5	0.5	0.3	0.2 - 0.8	1.0	0.8	0.2 - 1.8
Gran %	26.0	7.0	19.0 - 33.0	60.5	6.0	54.5 - 66.5	80.0	7.0	73.0 - 87.0	
Gran K/μL	0.5	0.4	0.1 - 0.9	4.7	0.6	4.1 - 5.3	16.4	1.4	15.0 - 17.8	
ABX MICROS ESV 60	WBC K/μL	1.8	0.4	1.4 - 2.2	7.4	0.8	6.6 - 8.2	19.7	1.6	18.1 - 21.3
	RBC M/μL	2.24	0.15	2.09 - 2.39	4.58	0.18	4.40 - 4.76	5.68	0.20	5.48 - 5.88
	HGB g/dL	5.8	0.4	5.4 - 6.2	13.3	0.5	12.8 - 13.8	18.1	0.6	17.5 - 18.7
	HCT %	15.9	2.0	13.9 - 17.9	37.1	2.5	34.6 - 39.6	50.0	3.0	47.0 - 53.0
	MCV fL	71	4	67 - 75	81	4	77 - 85	88	4	84 - 92
	MCH pg	25.9	2.0	23.9 - 27.9	29.0	2.0	27.0 - 31.0	31.9	2.0	29.9 - 33.9
	MCHC g/dL	36.5	3.0	33.5 - 39.5	35.9	3.0	32.9 - 38.9	36.2	3.0	33.2 - 39.2
	RDW %	15.0	3.0	12.0 - 18.0	14.5	3.0	11.5 - 17.5	13.0	3.0	10.0 - 16.0
	PLT K/μL	74	20	54 - 94	257	40	217 - 297	513	65	448 - 578
	MPV fL	9.3	2.0	7.3 - 11.3	8.8	2.0	6.8 - 10.8	8.7	2.0	6.7 - 10.7
	Lym %	53.0	8.0	45.0 - 61.0	25.5	5.0	20.5 - 30.5	11.0	5.0	6.0 - 16.0
	Lym K/μL	1.0	0.4	0.6 - 1.4	1.9	0.4	1.5 - 2.3	2.2	1.0	1.2 - 3.2
	Mon %	13.0	6.0	7.0 - 19.0	8.5	4.0	4.5 - 12.5	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 %	34.0	7.0	27.0 - 41.0	66.0	6.0	60.0 - 72.0	84.0	7.0	77.0 - 91.0	
Gran K/μL	0.6	0.4	0.2 - 1.0	4.9	0.6	4.3 - 5.5	16.6	1.4	15.2 - 18.0	

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Parameter/Units	Low Abnormal Lot # MX434L			Normal Lot # MX434N			High Abnormal Lot # MX434H			
	Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits	
ABX MICROS ES 60	WBC K/ μ L	2.0	0.4	1.6 - 2.4	7.8	0.8	7.0 - 8.6	20.3	1.6	18.7 - 21.9
	RBC M/ μ L	2.23	0.15	2.08 - 2.38	4.55	0.18	4.37 - 4.73	5.64	0.20	5.44 - 5.84
	HGB g/dL	6.0	0.4	5.6 - 6.4	13.4	0.5	12.9 - 13.9	18.2	0.6	17.6 - 18.8
	HCT %	16.1	2.0	14.1 - 18.1	37.3	2.5	34.8 - 39.8	50.2	3.0	47.2 - 53.2
	MCV fL	72	4	68 - 76	82	4	78 - 86	89	4	85 - 93
	MCH pg	26.9	2.0	24.9 - 28.9	29.5	2.0	27.5 - 31.5	32.3	2.0	30.3 - 34.3
	MCHC g/dL	37.4	3.0	34.4 - 40.4	35.9	3.0	32.9 - 38.9	36.3	3.0	33.3 - 39.3
	RDW %	15.0	3.0	12.0 - 18.0	14.0	3.0	11.0 - 17.0	13.0	3.0	10.0 - 16.0
	PLT K/ μ L	80	20	60 - 100	259	40	219 - 299	518	65	453 - 583
	MPV fL	8.7	2.0	6.7 - 10.7	8.4	2.0	6.4 - 10.4	8.3	2.0	6.3 - 10.3
	Lym %	61.5	8.0	53.5 - 69.5	33.0	5.0	28.0 - 38.0	15.5	5.0	10.5 - 20.5
	Lym K/ μ L	1.2	0.4	0.8 - 1.6	2.6	0.4	2.2 - 3.0	3.2	1.0	2.2 - 4.2
	Mon %	11.5	6.0	5.5 - 17.5	7.0	4.0	3.0 - 11.0	5.0	4.0	1.0 - 9.0
	Mon K/ μ L	0.3	0.2	0.1 - 0.5	0.6	0.3	0.3 - 0.9	1.0	0.8	0.2 - 1.8
	Gran %	27.0	7.0	20.0 - 34.0	60.0	6.0	54.0 - 66.0	79.5	7.0	72.5 - 86.5
Gran K/ μ L	0.5	0.4	0.1 - 0.9	4.7	0.6	4.1 - 5.3	16.1	1.4	14.7 - 17.5	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	14.8	2.2	12.6 - 17.0	35.0	3.0	32.0 - 38.0	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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