

MINOTROL-16™

Hematology Reference Control

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

Lot No.: **MX419**
Exp. Date: **2019-11-05** (Y/M/D)

Parameter/Units	Low Abnormal Lot # MX419L			Normal Lot # MX419N			High Abnormal Lot # MX419H			
	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	7.4	0.8	6.6 - 8.2	20.0	1.6	18.4 - 21.6
	RBC M/μL	2.28	0.15	2.13 - 2.43	4.60	0.18	4.42 - 4.78	5.68	0.20	5.48 - 5.88
	HGB g/dL	6.0	0.4	5.6 - 6.4	13.5	0.6	12.9 - 14.1	18.1	0.7	17.4 - 18.8
	HCT %	16.0	2.0	14.0 - 18.0	36.3	2.5	33.8 - 38.8	50.0	3.0	47.0 - 53.0
	MCV fL	70	4	66 - 74	79	4	75 - 83	88	4	84 - 92
	MCH pg	26.3	2.0	24.3 - 28.3	29.3	2.0	27.3 - 31.3	31.9	2.0	29.9 - 33.9
	MCHC g/dL	37.6	3.0	34.6 - 40.6	37.1	3.0	34.1 - 40.1	36.2	3.0	33.2 - 39.2
	RDW %	13.5	3.0	10.5 - 16.5	13.5	3.0	10.5 - 16.5	12.5	3.0	9.5 - 15.5
	PLT K/μL	78	20	58 - 98	265	40	225 - 305	510	65	445 - 575
	MPV fL	7.7	2.0	5.7 - 9.7	7.2	2.0	5.2 - 9.2	7.6	2.0	5.6 - 9.6
	Lym %	64.0	8.0	56.0 - 72.0	32.5	5.0	27.5 - 37.5	15.5	5.0	10.5 - 20.5
	Lym K/μL	1.3	0.4	0.9 - 1.7	2.4	0.4	2.0 - 2.8	3.1	1.0	2.1 - 4.1
	Mon %	9.5	6.0	3.5 - 15.5	7.0	4.0	3.0 - 11.0	4.5	4.0	0.5 - 8.5
	Mon K/μL	0.2	0.2	0.0 - 0.4	0.5	0.3	0.2 - 0.8	0.9	0.8	0.1 - 1.7
Gran %	26.5	7.0	19.5 - 33.5	60.5	6.0	54.5 - 66.5	80.0	7.0	73.0 - 87.0	
Gran K/μL	0.6	0.4	0.2 - 1.0	4.5	0.6	3.9 - 5.1	16.0	1.4	14.6 - 17.4	
ABX MICROS ESV 60	WBC K/μL	1.9	0.4	1.5 - 2.3	6.8	0.8	6.0 - 7.6	19.3	1.6	17.7 - 20.9
	RBC M/μL	2.29	0.15	2.14 - 2.44	4.57	0.18	4.39 - 4.75	5.68	0.20	5.48 - 5.88
	HGB g/dL	5.8	0.4	5.4 - 6.2	13.2	0.5	12.7 - 13.7	17.8	0.6	17.2 - 18.4
	HCT %	15.8	2.0	13.8 - 17.8	36.1	2.5	33.6 - 38.6	50.0	3.0	47.0 - 53.0
	MCV fL	69	4	65 - 73	79	4	75 - 83	88	4	84 - 92
	MCH pg	25.3	2.0	23.3 - 27.3	28.9	2.0	26.9 - 30.9	31.3	2.0	29.3 - 33.3
	MCHC g/dL	36.7	3.0	33.7 - 39.7	36.6	3.0	33.6 - 39.6	35.6	3.0	32.6 - 38.6
	RDW %	14.0	3.0	11.0 - 17.0	14.5	3.0	11.5 - 17.5	13.5	3.0	10.5 - 16.5
	PLT K/μL	80	20	60 - 100	275	40	235 - 315	525	65	460 - 590
	MPV fL	8.3	2.0	6.3 - 10.3	7.9	2.0	5.9 - 9.9	8.3	2.0	6.3 - 10.3
	Lym %	56.5	8.0	48.5 - 64.5	25.5	5.0	20.5 - 30.5	11.0	5.0	6.0 - 16.0
	Lym K/μL	1.1	0.4	0.7 - 1.5	1.7	0.4	1.3 - 2.1	2.1	1.0	1.1 - 3.1
	Mon %	10.5	6.0	4.5 - 16.5	8.0	4.0	4.0 - 12.0	4.5	4.0	0.5 - 8.5
	Mon K/μL	0.2	0.2	0.0 - 0.4	0.5	0.3	0.2 - 0.8	0.9	0.8	0.1 - 1.7
Gran %	33.0	7.0	26.0 - 40.0	66.5	6.0	60.5 - 72.5	84.5	7.0	77.5 - 91.5	
Gran K/μL	0.6	0.4	0.2 - 1.0	4.5	0.6	3.9 - 5.1	16.3	1.4	14.9 - 17.7	

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		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	7.5	0.8	6.7 - 8.3	20.0	1.6	18.4 - 21.6
	RBC M/ μ L	2.26	0.15	2.11 - 2.41	4.59	0.18	4.41 - 4.77	5.65	0.20	5.45 - 5.85
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.3	0.5	12.8 - 13.8	17.8	0.6	17.2 - 18.4
	HCT %	15.8	2.0	13.8 - 17.8	36.3	2.5	33.8 - 38.8	49.7	3.0	46.7 - 52.7
	MCV fL	70	4	66 - 74	79	4	75 - 83	88	4	84 - 92
	MCH pg	26.1	2.0	24.1 - 28.1	29.0	2.0	27.0 - 31.0	31.5	2.0	29.5 - 33.5
	MCHC g/dL	37.3	3.0	34.3 - 40.3	36.7	3.0	33.7 - 39.7	35.8	3.0	32.8 - 38.8
	RDW %	14.0	3.0	11.0 - 17.0	14.5	3.0	11.5 - 17.5	13.5	3.0	10.5 - 16.5
	PLT K/ μ L	81	20	61 - 101	267	40	227 - 307	508	65	443 - 573
	MPV fL	8.5	2.0	6.5 - 10.5	7.5	2.0	5.5 - 9.5	7.8	2.0	5.8 - 9.8
	Lym %	65.0	8.0	57.0 - 73.0	33.5	5.0	28.5 - 38.5	16.5	5.0	11.5 - 21.5
	Lym K/ μ L	1.4	0.4	1.0 - 1.8	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	5.0	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 %	26.0	7.0	19.0 - 33.0	59.5	6.0	53.5 - 65.5	78.5	7.0	71.5 - 85.5
Gran K/ μ L	0.6	0.4	0.2 - 1.0	4.5	0.6	3.9 - 5.1	15.7	1.4	14.3 - 17.1	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	14.5	2.2	12.3 - 16.7	33.5	3.0	30.5 - 36.5	46.5	4.0	42.5 - 50.5

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