

MINOTROL-16™

Hematology Reference Control

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

Lot No.: **MX417**
Exp. Date: **2019-07-05** (Y/M/D)

Parameter/Units	Low Abnormal Lot # MX417L			Normal Lot # MX417N			High Abnormal Lot # MX417H			
	Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits	
ABX MICROS 60 ADVIA® 60	WBC K/μL	1.9	0.4	1.5 - 2.3	7.7	0.8	6.9 - 8.5	20.0	1.6	18.4 - 21.6
	RBC M/μL	2.29	0.15	2.14 - 2.44	4.60	0.18	4.42 - 4.78	5.60	0.20	5.40 - 5.80
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.6	0.6	13.0 - 14.2	18.2	0.7	17.5 - 18.9
	HCT %	16.0	2.0	14.0 - 18.0	37.3	2.5	34.8 - 39.8	50.4	3.0	47.4 - 53.4
	MCV fL	70	4	66 - 74	81	4	77 - 85	90	4	86 - 94
	MCH pg	25.8	2.0	23.8 - 27.8	29.6	2.0	27.6 - 31.6	32.5	2.0	30.5 - 34.5
	MCHC g/dL	36.8	3.0	33.8 - 39.8	36.5	3.0	33.5 - 39.5	36.1	3.0	33.1 - 39.1
	RDW %	13.5	3.0	10.5 - 16.5	13.5	3.0	10.5 - 16.5	13.0	3.0	10.0 - 16.0
	PLT K/μL	72	20	52 - 92	250	40	210 - 290	520	65	455 - 585
	MPV fL	8.3	2.0	6.3 - 10.3	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	15.5	5.0	10.5 - 20.5
	Lym K/μL	1.2	0.4	0.8 - 1.6	2.6	0.4	2.2 - 3.0	3.1	1.0	2.1 - 4.1
	Mon %	9.0	6.0	3.0 - 15.0	7.5	4.0	3.5 - 11.5	4.5	4.0	0.5 - 8.5
	Mon K/μL	0.2	0.2	0.0 - 0.4	0.6	0.3	0.3 - 0.9	0.9	0.8	0.1 - 1.7
Gran %	26.0	7.0	19.0 - 33.0	59.0	6.0	53.0 - 65.0	80.0	7.0	73.0 - 87.0	
Gran K/μL	0.5	0.4	0.1 - 0.9	4.5	0.6	3.9 - 5.1	16.0	1.4	14.6 - 17.4	
ABX MICROS 45 ABC VET 45	WBC K/μL	2.0	0.4	1.6 - 2.4	7.6	0.8	6.8 - 8.4	19.8	1.6	18.2 - 21.4
	RBC M/μL	2.27	0.15	2.12 - 2.42	4.55	0.18	4.37 - 4.73	5.55	0.20	5.35 - 5.75
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.4	0.5	12.9 - 13.9	17.9	0.6	17.3 - 18.5
	HCT %	16.1	2.0	14.1 - 18.1	36.9	2.5	34.4 - 39.4	49.4	3.0	46.4 - 52.4
	MCV fL	71	4	67 - 75	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	32.3	2.0	30.3 - 34.3
	MCHC g/dL	36.6	3.0	33.6 - 39.6	36.4	3.0	33.4 - 39.4	36.2	3.0	33.2 - 39.2
	RDW %	14.5	3.0	11.5 - 17.5	14.0	3.0	11.0 - 17.0	13.5	3.0	10.5 - 16.5
	PLT K/μL	73	20	53 - 93	251	40	211 - 291	524	65	459 - 589
	MPV fL	9.2	2.0	7.2 - 11.2	8.4	2.0	6.4 - 10.4	8.8	2.0	6.8 - 10.8
	Lym %	53.0	8.0	45.0 - 61.0	28.0	5.0	23.0 - 33.0	13.5	5.0	8.5 - 18.5
	Lym K/μL	1.1	0.4	0.7 - 1.5	2.1	0.4	1.7 - 2.5	2.7	1.0	1.7 - 3.7
	Mon %	17.0	6.0	11.0 - 23.0	8.0	4.0	4.0 - 12.0	4.0	4.0	0.0 - 8.0
	Mon K/μL	0.3	0.2	0.1 - 0.5	0.6	0.3	0.3 - 0.9	0.8	0.8	0.0 - 1.6
Gran %	30.0	7.0	23.0 - 37.0	64.0	6.0	58.0 - 70.0	82.5	7.0	75.5 - 89.5	
Gran K/μL	0.6	0.4	0.2 - 1.0	4.9	0.6	4.3 - 5.5	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	1.9	0.4	1.5 - 2.3	7.7	0.8	6.9 - 8.5	20.1	1.6	18.5 - 21.7
	RBC M/ μ L	2.28	0.15	2.13 - 2.43	4.60	0.18	4.42 - 4.78	5.60	0.20	5.40 - 5.80
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.5	0.5	13.0 - 14.0	18.1	0.6	17.5 - 18.7
	HCT %	16.0	2.0	14.0 - 18.0	37.3	2.5	34.8 - 39.8	49.8	3.0	46.8 - 52.8
	MCV fL	70	4	66 - 74	81	4	77 - 85	89	4	85 - 93
	MCH pg	25.9	2.0	23.9 - 27.9	29.3	2.0	27.3 - 31.3	32.3	2.0	30.3 - 34.3
	MCHC g/dL	37.0	3.0	34.0 - 40.0	36.2	3.0	33.2 - 39.2	36.3	3.0	33.3 - 39.3
	RDW %	14.0	3.0	11.0 - 17.0	13.5	3.0	10.5 - 16.5	13.5	3.0	10.5 - 16.5
	PLT K/ μ L	75	20	55 - 95	258	40	218 - 298	525	65	460 - 590
	MPV fL	9.4	2.0	7.4 - 11.4	8.1	2.0	6.1 - 10.1	8.3	2.0	6.3 - 10.3
	Lym %	65.0	8.0	57.0 - 73.0	35.0	5.0	30.0 - 40.0	15.5	5.0	10.5 - 20.5
	Lym K/ μ L	1.2	0.4	0.8 - 1.6	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/ 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	58.0	6.0	52.0 - 64.0	79.5	7.0	72.5 - 86.5	
Gran K/ μ L	0.5	0.4	0.1 - 0.9	4.5	0.6	3.9 - 5.1	16.0	1.4	14.6 - 17.4	
ABX PENTRA 120	WBC K/ μ L	2.0	0.4	1.6 - 2.4	8.3	0.8	7.5 - 9.1	22.0	1.6	20.4 - 23.6
	RBC M/ μ L	2.32	0.15	2.17 - 2.47	4.65	0.18	4.47 - 4.83	5.63	0.20	5.43 - 5.83
	HGB g/dL	5.8	0.4	5.4 - 6.2	13.5	0.5	13.0 - 14.0	18.1	0.6	17.5 - 18.7
	HCT %	16.2	2.0	14.2 - 18.2	37.2	2.5	34.7 - 39.7	48.4	3.0	45.4 - 51.4
	MCV fL	70	4	66 - 74	80	4	76 - 84	86	4	82 - 90
	MCH pg	25.0	2.0	23.0 - 27.0	29.0	2.0	27.0 - 31.0	32.1	2.0	30.1 - 34.1
	MCHC g/dL	35.7	3.0	32.7 - 38.7	36.3	3.0	33.3 - 39.3	37.4	3.0	34.4 - 40.4
	RDW %	17.8	3.0	14.8 - 20.8	16.8	3.0	13.8 - 19.8	16.5	3.0	13.5 - 19.5
	PLT K/ μ L	68	20	48 - 88	258	40	218 - 298	530	65	465 - 595
	MPV fL	9.6	2.0	7.6 - 11.6	9.1	2.0	7.1 - 11.1	9.2	2.0	7.2 - 11.2
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	14.5	2.2	12.3 - 16.7	35.0	3.0	32.0 - 38.0	47.0	4.0	43.0 - 51.0

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