

MINOTROL-16™

Hematology Reference Control

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

Lot No.: **MX415**
Exp. Date: **2019-03-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # MX415L			Normal Lot # MX415N			High Abnormal Lot # MX415H		
		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS 60 ADVIA® 60	WBC K/ μ L	2.0	0.4	1.6 - 2.4	7.8	0.8	7.0 - 8.6	20.6	1.6	19.0 - 22.2
	RBC M/ μ L	2.37	0.15	2.22 - 2.52	4.73	0.18	4.55 - 4.91	5.74	0.20	5.54 - 5.94
	HGB g/dL	6.1	0.4	5.7 - 6.5	13.6	0.6	13.0 - 14.2	18.4	0.7	17.7 - 19.1
	HCT %	16.6	2.0	14.6 - 18.6	37.4	2.5	34.9 - 39.9	51.1	3.0	48.1 - 54.1
	MCV fL	70	4	66 - 74	79	4	75 - 83	89	4	85 - 93
	MCH pg	25.7	2.0	23.7 - 27.7	28.8	2.0	26.8 - 30.8	32.1	2.0	30.1 - 34.1
	MCHC g/dL	36.8	3.0	33.8 - 39.8	36.4	3.0	33.4 - 39.4	36.0	3.0	33.0 - 39.0
	RDW %	13.5	3.0	10.5 - 16.5	13.0	3.0	10.0 - 16.0	12.5	3.0	9.5 - 15.5
	PLT K/ μ L	71	20	51 - 91	260	40	220 - 300	515	65	450 - 580
	MPV fL	7.8	2.0	5.8 - 9.8	7.9	2.0	5.9 - 9.9	7.5	2.0	5.5 - 9.5
	Lym %	63.0	8.0	55.0 - 71.0	33.5	5.0	28.5 - 38.5	15.0	5.0	10.0 - 20.0
	Lym K/ μ L	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 %	10.0	6.0	4.0 - 16.0	7.5	4.0	3.5 - 11.5	5.0	4.0	1.0 - 9.0
	Mon K/ μ L	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 %	27.0	7.0	20.0 - 34.0	59.0	6.0	53.0 - 65.0	80.0	7.0	73.0 - 87.0	
Gran K/ μ L	0.5	0.4	0.1 - 0.9	4.6	0.6	4.0 - 5.2	16.5	1.4	15.1 - 17.9	
ABX MICROS 45 ABC VET 45	WBC K/ μ L	2.0	0.4	1.6 - 2.4	7.6	0.8	6.8 - 8.4	20.5	1.6	18.9 - 22.1
	RBC M/ μ L	2.38	0.15	2.23 - 2.53	4.72	0.18	4.54 - 4.90	5.75	0.20	5.55 - 5.95
	HGB g/dL	6.1	0.4	5.7 - 6.5	13.5	0.5	13.0 - 14.0	18.3	0.6	17.7 - 18.9
	HCT %	16.7	2.0	14.7 - 18.7	37.3	2.5	34.8 - 39.8	51.2	3.0	48.2 - 54.2
	MCV fL	70	4	66 - 74	79	4	75 - 83	89	4	85 - 93
	MCH pg	25.6	2.0	23.6 - 27.6	28.6	2.0	26.6 - 30.6	31.8	2.0	29.8 - 33.8
	MCHC g/dL	36.6	3.0	33.6 - 39.6	36.2	3.0	33.2 - 39.2	35.8	3.0	32.8 - 38.8
	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/ μ L	75	20	55 - 95	265	40	225 - 305	530	65	465 - 595
	MPV fL	8.7	2.0	6.7 - 10.7	8.8	2.0	6.8 - 10.8	8.6	2.0	6.6 - 10.6
	Lym %	50.0	8.0	42.0 - 58.0	26.5	5.0	21.5 - 31.5	11.5	5.0	6.5 - 16.5
	Lym K/ μ L	1.0	0.4	0.6 - 1.4	2.0	0.4	1.6 - 2.4	2.4	1.0	1.4 - 3.4
	Mon %	18.0	6.0	12.0 - 24.0	9.5	4.0	5.5 - 13.5	4.5	4.0	0.5 - 8.5
	Mon K/ μ L	0.4	0.2	0.2 - 0.6	0.7	0.3	0.4 - 1.0	0.9	0.8	0.1 - 1.7
Gran %	32.0	7.0	25.0 - 39.0	64.0	6.0	58.0 - 70.0	84.0	7.0	77.0 - 91.0	
Gran K/ μ L	0.6	0.4	0.2 - 1.0	4.9	0.6	4.3 - 5.5	17.2	1.4	15.8 - 18.6	

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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	7.6	0.8	6.8 - 8.4	20.3	1.6	18.7 - 21.9
	RBC M/ μ L	2.35	0.15	2.20 - 2.50	4.71	0.18	4.53 - 4.89	5.70	0.20	5.50 - 5.90
	HGB g/dL	6.0	0.4	5.6 - 6.4	13.4	0.5	12.9 - 13.9	17.9	0.6	17.3 - 18.5
	HCT %	16.2	2.0	14.2 - 18.2	37.2	2.5	34.7 - 39.7	50.2	3.0	47.2 - 53.2
	MCV fL	69	4	65 - 73	79	4	75 - 83	88	4	84 - 92
	MCH pg	25.5	2.0	23.5 - 27.5	28.5	2.0	26.5 - 30.5	31.4	2.0	29.4 - 33.4
	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 %	14.0	3.0	11.0 - 17.0	14.0	3.0	11.0 - 17.0	13.5	3.0	10.5 - 16.5
	PLT K/ μ L	74	20	54 - 94	262	40	222 - 302	513	65	448 - 578
	MPV fL	8.5	2.0	6.5 - 10.5	8.4	2.0	6.4 - 10.4	8.0	2.0	6.0 - 10.0
	Lym %	63.0	8.0	55.0 - 71.0	34.0	5.0	29.0 - 39.0	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 %	10.0	6.0	4.0 - 16.0	7.5	4.0	3.5 - 11.5	5.0	4.0	1.0 - 9.0
	Mon K/ μ L	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 %	27.0	7.0	20.0 - 34.0	58.5	6.0	52.5 - 64.5	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	16.1	1.4	14.7 - 17.5	
ABX PENTRA 120	WBC K/ μ L	2.1	0.4	1.7 - 2.5	8.4	0.8	7.6 - 9.2	22.0	1.6	20.4 - 23.6
	RBC M/ μ L	2.38	0.15	2.23 - 2.53	4.76	0.18	4.58 - 4.94	5.80	0.20	5.60 - 6.00
	HGB g/dL	6.0	0.4	5.6 - 6.4	13.6	0.5	13.1 - 14.1	18.3	0.6	17.7 - 18.9
	HCT %	16.7	2.0	14.7 - 18.7	37.1	2.5	34.6 - 39.6	49.3	3.0	46.3 - 52.3
	MCV fL	70	4	66 - 74	78	4	74 - 82	85	4	81 - 89
	MCH pg	25.2	2.0	23.2 - 27.2	28.6	2.0	26.6 - 30.6	31.6	2.0	29.6 - 33.6
	MCHC g/dL	36.0	3.0	33.0 - 39.0	36.6	3.0	33.6 - 39.6	37.1	3.0	34.1 - 40.1
	RDW %	18.0	3.0	15.0 - 21.0	17.5	3.0	14.5 - 20.5	16.0	3.0	13.0 - 19.0
	PLT K/ μ L	70	20	50 - 90	268	40	228 - 308	530	65	465 - 595
	MPV fL	9.5	2.0	7.5 - 11.5	9.7	2.0	7.7 - 11.7	9.2	2.0	7.2 - 11.2
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	15.5	2.2	13.3 - 17.7	35.0	3.0	32.0 - 38.0	48.0	4.0	44.0 - 52.0

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