

MINOTROL-16™

Hematology Reference Control

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Lot No.: **MX413**
Exp. Date: **2018-11-05**

	Parameter/Units	Low Abnormal Lot # MX413L			Normal Lot # MX413N			High Abnormal Lot # MX413H		
		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS 60 ADVIA® 60	WBC K/ μ L	2.1	0.4	1.7 - 2.5	7.6	0.8	6.8 - 8.4	20.6	1.6	19.0 - 22.2
	RBC M/ μ L	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	13.6	0.6	13.0 - 14.2	18.0	0.7	17.3 - 18.7
	HCT %	15.9	2.0	13.9 - 17.9	36.9	2.5	34.4 - 39.4	49.4	3.0	46.4 - 52.4
	MCV fL	70	4	66 - 74	81	4	77 - 85	89	4	85 - 93
	MCH pg	26.0	2.0	24.0 - 28.0	29.9	2.0	27.9 - 31.9	32.4	2.0	30.4 - 34.4
	MCHC g/dL	37.1	3.0	34.1 - 40.1	36.9	3.0	33.9 - 39.9	36.4	3.0	33.4 - 39.4
	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	77	20	57 - 97	260	40	220 - 300	510	65	445 - 575
	MPV fL	8.2	2.0	6.2 - 10.2	7.9	2.0	5.9 - 9.9	7.7	2.0	5.7 - 9.7
	Lym %	64.5	8.0	56.5 - 72.5	34.5	5.0	29.5 - 39.5	16.0	5.0	11.0 - 21.0
	Lym K/ μ L	1.4	0.4	1.0 - 1.8	2.6	0.4	2.2 - 3.0	3.3	1.0	2.3 - 4.3
	Mon %	10.0	6.0	4.0 - 16.0	7.0	4.0	3.0 - 11.0	6.0	4.0	2.0 - 10.0
	Mon K/ μ L	0.2	0.2	0.0 - 0.4	0.5	0.3	0.2 - 0.8	1.2	0.8	0.4 - 2.0
	Gran %	25.5	7.0	18.5 - 32.5	58.5	6.0	52.5 - 64.5	78.0	7.0	71.0 - 85.0
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 MICROS 45 ABC VET 45	WBC K/ μ L	2.1	0.4	1.7 - 2.5	7.5	0.8	6.7 - 8.3	20.1	1.6	18.5 - 21.7
	RBC M/ μ L	2.30	0.15	2.15 - 2.45	4.58	0.18	4.40 - 4.76	5.63	0.20	5.43 - 5.83
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.5	0.5	13.0 - 14.0	17.9	0.6	17.3 - 18.5
	HCT %	16.1	2.0	14.1 - 18.1	36.6	2.5	34.1 - 39.1	49.5	3.0	46.5 - 52.5
	MCV fL	70	4	66 - 74	80	4	76 - 84	88	4	84 - 92
	MCH pg	25.7	2.0	23.7 - 27.7	29.5	2.0	27.5 - 31.5	31.8	2.0	29.8 - 33.8
	MCHC g/dL	36.6	3.0	33.6 - 39.6	36.8	3.0	33.8 - 39.8	36.1	3.0	33.1 - 39.1
	RDW %	14.5	3.0	11.5 - 17.5	14.5	3.0	11.5 - 17.5	13.5	3.0	10.5 - 16.5
	PLT K/ μ L	76	20	56 - 96	260	40	220 - 300	515	65	450 - 580
	MPV fL	9.1	2.0	7.1 - 11.1	9.0	2.0	7.0 - 11.0	8.8	2.0	6.8 - 10.8
	Lym %	51.0	8.0	43.0 - 59.0	28.0	5.0	23.0 - 33.0	13.0	5.0	8.0 - 18.0
	Lym K/ μ L	1.1	0.4	0.7 - 1.5	2.1	0.4	1.7 - 2.5	2.6	1.0	1.6 - 3.6
	Mon %	17.0	6.0	11.0 - 23.0	9.5	4.0	5.5 - 13.5	5.0	4.0	1.0 - 9.0
	Mon K/ μ L	0.4	0.2	0.2 - 0.6	0.7	0.3	0.4 - 1.0	1.0	0.8	0.2 - 1.8
	Gran %	32.0	7.0	25.0 - 39.0	62.5	6.0	56.5 - 68.5	82.0	7.0	75.0 - 89.0
Gran K/ μ L	0.7	0.4	0.3 - 1.1	4.7	0.6	4.1 - 5.3	16.5	1.4	15.1 - 17.9	

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AS406-014 Rev 01/15

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		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	7.5	0.8	6.7 - 8.3	20.3	1.6	18.7 - 21.9
	RBC M/ μ L	2.27	0.15	2.12 - 2.42	4.53	0.18	4.35 - 4.71	5.60	0.20	5.40 - 5.80
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.3	0.5	12.8 - 13.8	17.7	0.6	17.1 - 18.3
	HCT %	15.7	2.0	13.7 - 17.7	36.2	2.5	33.7 - 38.7	49.3	3.0	46.3 - 52.3
	MCV fL	69	4	65 - 73	80	4	76 - 84	88	4	84 - 92
	MCH pg	26.0	2.0	24.0 - 28.0	29.4	2.0	27.4 - 31.4	31.6	2.0	29.6 - 33.6
	MCHC g/dL	37.7	3.0	34.7 - 40.7	36.7	3.0	33.7 - 39.7	35.9	3.0	32.9 - 38.9
	RDW %	14.5	3.0	11.5 - 17.5	14.5	3.0	11.5 - 17.5	13.5	3.0	10.5 - 16.5
	PLT K/ μ L	77	20	57 - 97	262	40	222 - 302	507	65	442 - 572
	MPV fL	9.0	2.0	7.0 - 11.0	8.6	2.0	6.6 - 10.6	8.3	2.0	6.3 - 10.3
	Lym %	65.5	8.0	57.5 - 73.5	35.0	5.0	30.0 - 40.0	17.0	5.0	12.0 - 22.0
	Lym K/ μ L	1.3	0.4	0.9 - 1.7	2.6	0.4	2.2 - 3.0	3.5	1.0	2.5 - 4.5
	Mon %	8.5	6.0	2.5 - 14.5	6.0	4.0	2.0 - 10.0	6.0	4.0	2.0 - 10.0
	Mon K/ μ L	0.2	0.2	0.0 - 0.4	0.5	0.3	0.2 - 0.8	1.2	0.8	0.4 - 2.0
Gran %	26.0	7.0	19.0 - 33.0	59.0	6.0	53.0 - 65.0	77.0	7.0	70.0 - 84.0	
Gran K/ μ L	0.5	0.4	0.1 - 0.9	4.4	0.6	3.8 - 5.0	15.6	1.4	14.2 - 17.0	
ABX PENTRA 120	WBC K/ μ L	2.1	0.4	1.7 - 2.5	8.1	0.8	7.3 - 8.9	21.9	1.6	20.3 - 23.5
	RBC M/ μ L	2.33	0.15	2.18 - 2.48	4.62	0.18	4.44 - 4.80	5.67	0.20	5.47 - 5.87
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.5	0.5	13.0 - 14.0	17.9	0.6	17.3 - 18.5
	HCT %	16.5	2.0	14.5 - 18.5	37.0	2.5	34.5 - 39.5	48.2	3.0	45.2 - 51.2
	MCV fL	71	4	67 - 75	80	4	76 - 84	85	4	81 - 89
	MCH pg	25.3	2.0	23.3 - 27.3	29.2	2.0	27.2 - 31.2	31.6	2.0	29.6 - 33.6
	MCHC g/dL	35.7	3.0	32.7 - 38.7	36.5	3.0	33.5 - 39.5	37.1	3.0	34.1 - 40.1
	RDW %	17.5	3.0	14.5 - 20.5	16.3	3.0	13.3 - 19.3	15.0	3.0	12.0 - 18.0
	PLT K/ μ L	76	20	56 - 96	270	40	230 - 310	520	65	455 - 585
	MPV fL	10.0	2.0	8.0 - 12.0	9.5	2.0	7.5 - 11.5	9.2	2.0	7.2 - 11.2
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	14.5	2.2	12.3 - 16.7	34.5	3.0	31.5 - 37.5	46.0	4.0	42.0 - 50.0

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