

MINOTROL-16™

Hematology Reference Control

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

Lot No.: **MX411**
Exp. Date: **2018-07-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # MX411L			Normal Lot # MX411N			High Abnormal Lot # MX411H		
		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	7.6	0.8	6.8 - 8.4	20.4	1.6	18.8 - 22.0
	RBC M/μL	2.24	0.15	2.09 - 2.39	4.62	0.18	4.44 - 4.80	5.79	0.20	5.59 - 5.99
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.6	0.6	13.0 - 14.2	18.3	0.7	17.6 - 19.0
	HCT %	15.9	2.0	13.9 - 17.9	37.4	2.5	34.9 - 39.9	51.0	3.0	48.0 - 54.0
	MCV fL	71	4	67 - 75	81	4	77 - 85	88	4	84 - 92
	MCH pg	26.3	2.0	24.3 - 28.3	29.4	2.0	27.4 - 31.4	31.6	2.0	29.6 - 33.6
	MCHC g/dL	37.1	3.0	34.1 - 40.1	36.3	3.0	33.3 - 39.3	35.9	3.0	32.9 - 38.9
	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/μL	79	20	59 - 99	266	40	226 - 306	495	65	430 - 560
	MPV fL	8.1	2.0	6.1 - 10.1	7.8	2.0	5.8 - 9.8	8.0	2.0	6.0 - 10.0
	Lym %	64.5	8.0	56.5 - 72.5	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	2.5	0.4	2.1 - 2.9	3.2	1.0	2.2 - 4.2
	Mon %	10.0	6.0	4.0 - 16.0	8.0	4.0	4.0 - 12.0	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 %	25.5	7.0	18.5 - 32.5	59.5	6.0	53.5 - 65.5	79.5	7.0	72.5 - 86.5
Gran K/μL	0.5	0.4	0.1 - 0.9	4.5	0.6	3.9 - 5.1	16.2	1.4	14.8 - 17.6	
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	20.0	1.6	18.4 - 21.6
	RBC M/μL	2.26	0.15	2.11 - 2.41	4.62	0.18	4.44 - 4.80	5.79	0.20	5.59 - 5.99
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.5	0.5	13.0 - 14.0	18.2	0.6	17.6 - 18.8
	HCT %	16.3	2.0	14.3 - 18.3	37.4	2.5	34.9 - 39.9	51.0	3.0	48.0 - 54.0
	MCV fL	72	4	68 - 76	81	4	77 - 85	88	4	84 - 92
	MCH pg	26.1	2.0	24.1 - 28.1	29.2	2.0	27.2 - 31.2	31.4	2.0	29.4 - 33.4
	MCHC g/dL	36.3	3.0	33.3 - 39.3	36.1	3.0	33.1 - 39.1	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/μL	80	20	60 - 100	268	40	228 - 308	495	65	430 - 560
	MPV fL	9.0	2.0	7.0 - 11.0	8.8	2.0	6.8 - 10.8	9.0	2.0	7.0 - 11.0
	Lym %	53.0	8.0	45.0 - 61.0	26.0	5.0	21.0 - 31.0	12.5	5.0	7.5 - 17.5
	Lym K/μL	1.1	0.4	0.7 - 1.5	2.0	0.4	1.6 - 2.4	2.5	1.0	1.5 - 3.5
	Mon %	15.5	6.0	9.5 - 21.5	9.5	4.0	5.5 - 13.5	4.0	4.0	0.0 - 8.0
	Mon K/μL	0.3	0.2	0.1 - 0.5	0.7	0.3	0.4 - 1.0	0.8	0.8	0.0 - 1.6
	Gran %	31.5	7.0	24.5 - 38.5	64.5	6.0	58.5 - 70.5	83.5	7.0	76.5 - 90.5
Gran K/μL	0.6	0.4	0.2 - 1.0	4.9	0.6	4.3 - 5.5	16.7	1.4	15.3 - 18.1	

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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	20.4	1.6	18.8 - 22.0
	RBC M/ μ L	2.23	0.15	2.08 - 2.38	4.62	0.18	4.44 - 4.80	5.80	0.20	5.60 - 6.00
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.4	0.5	12.9 - 13.9	18.0	0.6	17.4 - 18.6
	HCT %	15.8	2.0	13.8 - 17.8	37.0	2.5	34.5 - 39.5	51.0	3.0	48.0 - 54.0
	MCV fL	71	4	67 - 75	80	4	76 - 84	88	4	84 - 92
	MCH pg	26.5	2.0	24.5 - 28.5	29.0	2.0	27.0 - 31.0	31.0	2.0	29.0 - 33.0
	MCHC g/dL	37.3	3.0	34.3 - 40.3	36.3	3.0	33.3 - 39.3	35.3	3.0	32.3 - 38.3
	RDW %	14.0	3.0	11.0 - 17.0	13.5	3.0	10.5 - 16.5	13.0	3.0	10.0 - 16.0
	PLT K/ μ L	80	20	60 - 100	270	40	230 - 310	494	65	429 - 559
	MPV fL	9.0	2.0	7.0 - 11.0	8.4	2.0	6.4 - 10.4	8.6	2.0	6.6 - 10.6
	Lym %	65.5	8.0	57.5 - 73.5	34.0	5.0	29.0 - 39.0	16.0	5.0	11.0 - 21.0
	Lym K/ μ L	1.3	0.4	0.9 - 1.7	2.6	0.4	2.2 - 3.0	3.3	1.0	2.3 - 4.3
	Mon %	8.5	6.0	2.5 - 14.5	7.0	4.0	3.0 - 11.0	5.5	4.0	1.5 - 9.5
	Mon K/ μ L	0.2	0.2	0.0 - 0.4	0.5	0.3	0.2 - 0.8	1.1	0.8	0.3 - 1.9
Gran %	26.0	7.0	19.0 - 33.0	59.0	6.0	53.0 - 65.0	78.5	7.0	71.5 - 85.5	
Gran K/ μ L	0.5	0.4	0.1 - 0.9	4.4	0.6	3.8 - 5.0	16.0	1.4	14.6 - 17.4	
ABX PENTRA 120	WBC K/ μ L	2.1	0.4	1.7 - 2.5	8.1	0.8	7.3 - 8.9	22.0	1.6	20.4 - 23.6
	RBC M/ μ L	2.26	0.15	2.11 - 2.41	4.66	0.18	4.48 - 4.84	5.87	0.20	5.67 - 6.07
	HGB g/dL	5.9	0.4	5.5 - 6.3	13.5	0.5	13.0 - 14.0	18.3	0.6	17.7 - 18.9
	HCT %	16.3	2.0	14.3 - 18.3	37.3	2.5	34.8 - 39.8	49.9	3.0	46.9 - 52.9
	MCV fL	72	4	68 - 76	80	4	76 - 84	85	4	81 - 89
	MCH pg	26.1	2.0	24.1 - 28.1	29.0	2.0	27.0 - 31.0	31.2	2.0	29.2 - 33.2
	MCHC g/dL	36.3	3.0	33.3 - 39.3	36.2	3.0	33.2 - 39.2	36.7	3.0	33.7 - 39.7
	RDW %	17.0	3.0	14.0 - 20.0	17.5	3.0	14.5 - 20.5	16.0	3.0	13.0 - 19.0
	PLT K/ μ L	76	20	56 - 96	274	40	234 - 314	506	65	441 - 571
	MPV fL	10.1	2.0	8.1 - 12.1	9.3	2.0	7.3 - 11.3	9.5	2.0	7.5 - 11.5
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	14.5	2.2	12.3 - 16.7	35.0	3.0	32.0 - 38.0	47.5	4.0	43.5 - 51.5

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