

# MINOTROL-16™

## Hematology Reference Control

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Lot No.: **MX412**  
Exp. Date: **2018-09-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # <b>MX412L</b>			Normal Lot # <b>MX412N</b>			High Abnormal Lot # <b>MX412H</b>		
		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS 60 ADVIA® 60	WBC K/μL	<b>2.1</b>	0.4	1.7 - 2.5	<b>7.6</b>	0.8	6.8 - 8.4	<b>20.5</b>	1.6	18.9 - 22.1
	RBC M/μL	<b>2.27</b>	0.15	2.12 - 2.42	<b>4.59</b>	0.18	4.41 - 4.77	<b>5.62</b>	0.20	5.42 - 5.82
	HGB g/dL	<b>6.0</b>	0.4	5.6 - 6.4	<b>13.4</b>	0.6	12.8 - 14.0	<b>18.1</b>	0.7	17.4 - 18.8
	HCT %	<b>16.1</b>	2.0	14.1 - 18.1	<b>36.7</b>	2.5	34.2 - 39.2	<b>50.0</b>	3.0	47.0 - 53.0
	MCV fL	<b>71</b>	4	67 - 75	<b>80</b>	4	76 - 84	<b>89</b>	4	85 - 93
	MCH pg	<b>26.4</b>	2.0	24.4 - 28.4	<b>29.2</b>	2.0	27.2 - 31.2	<b>32.2</b>	2.0	30.2 - 34.2
	MCHC g/dL	<b>37.2</b>	3.0	34.2 - 40.2	<b>36.5</b>	3.0	33.5 - 39.5	<b>36.2</b>	3.0	33.2 - 39.2
	RDW %	<b>13.0</b>	3.0	10.0 - 16.0	<b>13.0</b>	3.0	10.0 - 16.0	<b>12.5</b>	3.0	9.5 - 15.5
	PLT K/μL	<b>79</b>	20	59 - 99	<b>263</b>	40	223 - 303	<b>520</b>	65	455 - 585
	MPV fL	<b>7.8</b>	2.0	5.8 - 9.8	<b>7.4</b>	2.0	5.4 - 9.4	<b>7.5</b>	2.0	5.5 - 9.5
	Lym %	<b>63.0</b>	8.0	55.0 - 71.0	<b>32.0</b>	5.0	27.0 - 37.0	<b>14.0</b>	5.0	9.0 - 19.0
	Lym K/μL	<b>1.3</b>	0.4	0.9 - 1.7	<b>2.4</b>	0.4	2.0 - 2.8	<b>2.9</b>	1.0	1.9 - 3.9
	Mon %	<b>10.0</b>	6.0	4.0 - 16.0	<b>8.0</b>	4.0	4.0 - 12.0	<b>5.5</b>	4.0	1.5 - 9.5
	Mon K/μL	<b>0.2</b>	0.2	0.0 - 0.4	<b>0.6</b>	0.3	0.3 - 0.9	<b>1.1</b>	0.8	0.3 - 1.9
	Gran %	<b>27.0</b>	7.0	20.0 - 34.0	<b>60.0</b>	6.0	54.0 - 66.0	<b>80.5</b>	7.0	73.5 - 87.5
Gran K/μL	<b>0.6</b>	0.4	0.2 - 1.0	<b>4.6</b>	0.6	4.0 - 5.2	<b>16.5</b>	1.4	15.1 - 17.9	
ABX MICROS 45 ABC VET 45	WBC K/μL	<b>2.1</b>	0.4	1.7 - 2.5	<b>7.5</b>	0.8	6.7 - 8.3	<b>20.4</b>	1.6	18.8 - 22.0
	RBC M/μL	<b>2.30</b>	0.15	2.15 - 2.45	<b>4.59</b>	0.18	4.41 - 4.77	<b>5.64</b>	0.20	5.44 - 5.84
	HGB g/dL	<b>6.0</b>	0.4	5.6 - 6.4	<b>13.4</b>	0.5	12.9 - 13.9	<b>18.1</b>	0.6	17.5 - 18.7
	HCT %	<b>16.3</b>	2.0	14.3 - 18.3	<b>36.7</b>	2.5	34.2 - 39.2	<b>50.2</b>	3.0	47.2 - 53.2
	MCV fL	<b>71</b>	4	67 - 75	<b>80</b>	4	76 - 84	<b>89</b>	4	85 - 93
	MCH pg	<b>26.1</b>	2.0	24.1 - 28.1	<b>29.2</b>	2.0	27.2 - 31.2	<b>32.1</b>	2.0	30.1 - 34.1
	MCHC g/dL	<b>36.7</b>	3.0	33.7 - 39.7	<b>36.5</b>	3.0	33.5 - 39.5	<b>36.1</b>	3.0	33.1 - 39.1
	RDW %	<b>14.0</b>	3.0	11.0 - 17.0	<b>14.0</b>	3.0	11.0 - 17.0	<b>13.5</b>	3.0	10.5 - 16.5
	PLT K/μL	<b>80</b>	20	60 - 100	<b>270</b>	40	230 - 310	<b>540</b>	65	475 - 605
	MPV fL	<b>8.7</b>	2.0	6.7 - 10.7	<b>8.2</b>	2.0	6.2 - 10.2	<b>8.5</b>	2.0	6.5 - 10.5
	Lym %	<b>50.0</b>	8.0	42.0 - 58.0	<b>26.0</b>	5.0	21.0 - 31.0	<b>11.5</b>	5.0	6.5 - 16.5
	Lym K/μL	<b>1.1</b>	0.4	0.7 - 1.5	<b>2.0</b>	0.4	1.6 - 2.4	<b>2.4</b>	1.0	1.4 - 3.4
	Mon %	<b>16.0</b>	6.0	10.0 - 22.0	<b>10.0</b>	4.0	6.0 - 14.0	<b>4.5</b>	4.0	0.5 - 8.5
	Mon K/μL	<b>0.3</b>	0.2	0.1 - 0.5	<b>0.8</b>	0.3	0.5 - 1.1	<b>0.9</b>	0.8	0.1 - 1.7
	Gran %	<b>34.0</b>	7.0	27.0 - 41.0	<b>64.0</b>	6.0	58.0 - 70.0	<b>84.0</b>	7.0	77.0 - 91.0
Gran K/μL	<b>0.7</b>	0.4	0.3 - 1.1	<b>4.8</b>	0.6	4.2 - 5.4	<b>17.1</b>	1.4	15.7 - 18.5	

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

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		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS ES 60	WBC K/ $\mu$ L	<b>2.0</b>	0.4	1.6 - 2.4	<b>7.4</b>	0.8	6.6 - 8.2	<b>20.5</b>	1.6	18.9 - 22.1
	RBC M/ $\mu$ L	<b>2.27</b>	0.15	2.12 - 2.42	<b>4.55</b>	0.18	4.37 - 4.73	<b>5.60</b>	0.20	5.40 - 5.80
	HGB g/dL	<b>6.0</b>	0.4	5.6 - 6.4	<b>13.3</b>	0.5	12.8 - 13.8	<b>18.0</b>	0.6	17.4 - 18.6
	HCT %	<b>16.1</b>	2.0	14.1 - 18.1	<b>36.4</b>	2.5	33.9 - 38.9	<b>49.8</b>	3.0	46.8 - 52.8
	MCV fL	<b>71</b>	4	67 - 75	<b>80</b>	4	76 - 84	<b>89</b>	4	85 - 93
	MCH pg	<b>26.4</b>	2.0	24.4 - 28.4	<b>29.2</b>	2.0	27.2 - 31.2	<b>32.1</b>	2.0	30.1 - 34.1
	MCHC g/dL	<b>37.2</b>	3.0	34.2 - 40.2	<b>36.5</b>	3.0	33.5 - 39.5	<b>36.1</b>	3.0	33.1 - 39.1
	RDW %	<b>14.0</b>	3.0	11.0 - 17.0	<b>14.0</b>	3.0	11.0 - 17.0	<b>13.0</b>	3.0	10.0 - 16.0
	PLT K/ $\mu$ L	<b>80</b>	20	60 - 100	<b>260</b>	40	220 - 300	<b>525</b>	65	460 - 590
	MPV fL	<b>8.7</b>	2.0	6.7 - 10.7	<b>7.8</b>	2.0	5.8 - 9.8	<b>8.0</b>	2.0	6.0 - 10.0
	Lym %	<b>64.5</b>	8.0	56.5 - 72.5	<b>34.0</b>	5.0	29.0 - 39.0	<b>15.0</b>	5.0	10.0 - 20.0
	Lym K/ $\mu$ L	<b>1.3</b>	0.4	0.9 - 1.7	<b>2.5</b>	0.4	2.1 - 2.9	<b>3.1</b>	1.0	2.1 - 4.1
	Mon %	<b>8.5</b>	6.0	2.5 - 14.5	<b>7.0</b>	4.0	3.0 - 11.0	<b>5.5</b>	4.0	1.5 - 9.5
	Mon K/ $\mu$ L	<b>0.2</b>	0.2	0.0 - 0.4	<b>0.5</b>	0.3	0.2 - 0.8	<b>1.1</b>	0.8	0.3 - 1.9
	Gran %	<b>27.0</b>	7.0	20.0 - 34.0	<b>59.0</b>	6.0	53.0 - 65.0	<b>79.5</b>	7.0	72.5 - 86.5
Gran K/ $\mu$ L	<b>0.5</b>	0.4	0.1 - 0.9	<b>4.4</b>	0.6	3.8 - 5.0	<b>16.3</b>	1.4	14.9 - 17.7	
ABX PENTRA 120	WBC K/ $\mu$ L	<b>2.1</b>	0.4	1.7 - 2.5	<b>8.0</b>	0.8	7.2 - 8.8	<b>22.1</b>	1.6	20.5 - 23.7
	RBC M/ $\mu$ L	<b>2.30</b>	0.15	2.15 - 2.45	<b>4.63</b>	0.18	4.45 - 4.81	<b>5.68</b>	0.20	5.48 - 5.88
	HGB g/dL	<b>5.9</b>	0.4	5.5 - 6.3	<b>13.4</b>	0.5	12.9 - 13.9	<b>18.0</b>	0.6	17.4 - 18.6
	HCT %	<b>16.3</b>	2.0	14.3 - 18.3	<b>36.6</b>	2.5	34.1 - 39.1	<b>48.3</b>	3.0	45.3 - 51.3
	MCV fL	<b>71</b>	4	67 - 75	<b>79</b>	4	75 - 83	<b>85</b>	4	81 - 89
	MCH pg	<b>25.7</b>	2.0	23.7 - 27.7	<b>28.9</b>	2.0	26.9 - 30.9	<b>31.7</b>	2.0	29.7 - 33.7
	MCHC g/dL	<b>36.1</b>	3.0	33.1 - 39.1	<b>36.6</b>	3.0	33.6 - 39.6	<b>37.3</b>	3.0	34.3 - 40.3
	RDW %	<b>18.5</b>	3.0	15.5 - 21.5	<b>18.0</b>	3.0	15.0 - 21.0	<b>16.5</b>	3.0	13.5 - 19.5
	PLT K/ $\mu$ L	<b>79</b>	20	59 - 99	<b>275</b>	40	235 - 315	<b>540</b>	65	475 - 605
	MPV fL	<b>9.5</b>	2.0	7.5 - 11.5	<b>8.5</b>	2.0	6.5 - 10.5	<b>8.9</b>	2.0	6.9 - 10.9
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	<b>15.0</b>	2.2	12.8 - 17.2	<b>34.0</b>	3.0	31.0 - 37.0	<b>46.5</b>	4.0	42.5 - 50.5

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