

# MINOTROL-16™

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
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(888) 903-5001  
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Lot No.: **MX428**  
Exp. Date: **2021-05-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # <b>MX428L</b>			Normal Lot # <b>MX428N</b>			High Abnormal Lot # <b>MX428H</b>		
		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS 60 ADVIA® 60	WBC K/μL	<b>2.0</b>	0.4	1.6 - 2.4	<b>7.7</b>	0.8	6.9 - 8.5	<b>20.5</b>	1.6	18.9 - 22.1
	RBC M/μL	<b>2.38</b>	0.15	2.23 - 2.53	<b>4.61</b>	0.18	4.43 - 4.79	<b>5.63</b>	0.20	5.43 - 5.83
	HGB g/dL	<b>6.1</b>	0.4	5.7 - 6.5	<b>13.6</b>	0.6	13.0 - 14.2	<b>18.1</b>	0.7	17.4 - 18.8
	HCT %	<b>16.4</b>	2.0	14.4 - 18.4	<b>37.3</b>	2.5	34.8 - 39.8	<b>50.1</b>	3.0	47.1 - 53.1
	MCV fL	<b>69</b>	4	65 - 73	<b>81</b>	4	77 - 85	<b>89</b>	4	85 - 93
	MCH pg	<b>25.6</b>	2.0	23.6 - 27.6	<b>29.5</b>	2.0	27.5 - 31.5	<b>32.1</b>	2.0	30.1 - 34.1
	MCHC g/dL	<b>37.1</b>	3.0	34.1 - 40.1	<b>36.4</b>	3.0	33.4 - 39.4	<b>36.1</b>	3.0	33.1 - 39.1
	RDW %	<b>13.5</b>	3.0	10.5 - 16.5	<b>13.0</b>	3.0	10.0 - 16.0	<b>12.0</b>	3.0	9.0 - 15.0
	PLT K/μL	<b>77</b>	20	57 - 97	<b>250</b>	40	210 - 290	<b>493</b>	65	428 - 558
	MPV fL	<b>8.1</b>	2.0	6.1 - 10.1	<b>7.5</b>	2.0	5.5 - 9.5	<b>7.5</b>	2.0	5.5 - 9.5
	Lym %	<b>67.0</b>	8.0	59.0 - 75.0	<b>34.0</b>	5.0	29.0 - 39.0	<b>16.0</b>	5.0	11.0 - 21.0
	Lym K/μL	<b>1.3</b>	0.4	0.9 - 1.7	<b>2.6</b>	0.4	2.2 - 3.0	<b>3.3</b>	1.0	2.3 - 4.3
	Mon %	<b>8.5</b>	6.0	2.5 - 14.5	<b>7.5</b>	4.0	3.5 - 11.5	<b>4.5</b>	4.0	0.5 - 8.5
	Mon K/μL	<b>0.2</b>	0.2	0.0 - 0.4	<b>0.6</b>	0.3	0.3 - 0.9	<b>0.9</b>	0.8	0.1 - 1.7
Gran %	<b>24.5</b>	7.0	17.5 - 31.5	<b>58.5</b>	6.0	52.5 - 64.5	<b>79.5</b>	7.0	72.5 - 86.5	
Gran K/μL	<b>0.5</b>	0.4	0.1 - 0.9	<b>4.5</b>	0.6	3.9 - 5.1	<b>16.3</b>	1.4	14.9 - 17.7	
ABX MICROS ESV 60	WBC K/μL	<b>1.8</b>	0.4	1.4 - 2.2	<b>7.2</b>	0.8	6.4 - 8.0	<b>19.7</b>	1.6	18.1 - 21.3
	RBC M/μL	<b>2.37</b>	0.15	2.22 - 2.52	<b>4.63</b>	0.18	4.45 - 4.81	<b>5.61</b>	0.20	5.41 - 5.81
	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>16.4</b>	2.0	14.4 - 18.4	<b>37.5</b>	2.5	35.0 - 40.0	<b>49.9</b>	3.0	46.9 - 52.9
	MCV fL	<b>69</b>	4	65 - 73	<b>81</b>	4	77 - 85	<b>89</b>	4	85 - 93
	MCH pg	<b>24.9</b>	2.0	22.9 - 26.9	<b>28.9</b>	2.0	26.9 - 30.9	<b>32.1</b>	2.0	30.1 - 34.1
	MCHC g/dL	<b>36.1</b>	3.0	33.1 - 39.1	<b>35.7</b>	3.0	32.7 - 38.7	<b>36.1</b>	3.0	33.1 - 39.1
	RDW %	<b>15.0</b>	3.0	12.0 - 18.0	<b>14.5</b>	3.0	11.5 - 17.5	<b>13.5</b>	3.0	10.5 - 16.5
	PLT K/μL	<b>78</b>	20	58 - 98	<b>260</b>	40	220 - 300	<b>500</b>	65	435 - 565
	MPV fL	<b>8.7</b>	2.0	6.7 - 10.7	<b>8.6</b>	2.0	6.6 - 10.6	<b>8.7</b>	2.0	6.7 - 10.7
	Lym %	<b>58.5</b>	8.0	50.5 - 66.5	<b>28.0</b>	5.0	23.0 - 33.0	<b>12.0</b>	5.0	7.0 - 17.0
	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>10.0</b>	6.0	4.0 - 16.0	<b>8.0</b>	4.0	4.0 - 12.0	<b>5.0</b>	4.0	1.0 - 9.0
	Mon K/μL	<b>0.2</b>	0.2	0.0 - 0.4	<b>0.6</b>	0.3	0.3 - 0.9	<b>1.0</b>	0.8	0.2 - 1.8
Gran %	<b>31.5</b>	7.0	24.5 - 38.5	<b>64.0</b>	6.0	58.0 - 70.0	<b>83.0</b>	7.0	76.0 - 90.0	
Gran K/μL	<b>0.6</b>	0.4	0.2 - 1.0	<b>4.6</b>	0.6	4.0 - 5.2	<b>16.4</b>	1.4	15.0 - 17.8	

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Parameter/Units	Low Abnormal Lot # <b>MX428L</b>			Normal Lot # <b>MX428N</b>			High Abnormal Lot # <b>MX428H</b>			
	Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits	
ABX MICROS ES 60	WBC K/ $\mu$ L	<b>2.1</b>	0.4	1.7 - 2.5	<b>7.7</b>	0.8	6.9 - 8.5	<b>20.8</b>	1.6	19.2 - 22.4
	RBC M/ $\mu$ L	<b>2.38</b>	0.15	2.23 - 2.53	<b>4.65</b>	0.18	4.47 - 4.83	<b>5.68</b>	0.20	5.48 - 5.88
	HGB g/dL	<b>6.0</b>	0.4	5.6 - 6.4	<b>13.4</b>	0.5	12.9 - 13.9	<b>17.8</b>	0.6	17.2 - 18.4
	HCT %	<b>16.4</b>	2.0	14.4 - 18.4	<b>37.2</b>	2.5	34.7 - 39.7	<b>50.0</b>	3.0	47.0 - 53.0
	MCV fL	<b>69</b>	4	65 - 73	<b>80</b>	4	76 - 84	<b>88</b>	4	84 - 92
	MCH pg	<b>25.2</b>	2.0	23.2 - 27.2	<b>28.8</b>	2.0	26.8 - 30.8	<b>31.3</b>	2.0	29.3 - 33.3
	MCHC g/dL	<b>36.5</b>	3.0	33.5 - 39.5	<b>36.0</b>	3.0	33.0 - 39.0	<b>35.6</b>	3.0	32.6 - 38.6
	RDW %	<b>14.5</b>	3.0	11.5 - 17.5	<b>13.7</b>	3.0	10.7 - 16.7	<b>13.2</b>	3.0	10.2 - 16.2
	PLT K/ $\mu$ L	<b>77</b>	20	57 - 97	<b>252</b>	40	212 - 292	<b>498</b>	65	433 - 563
	MPV fL	<b>9.1</b>	2.0	7.1 - 11.1	<b>8.2</b>	2.0	6.2 - 10.2	<b>8.1</b>	2.0	6.1 - 10.1
	Lym %	<b>66.5</b>	8.0	58.5 - 74.5	<b>34.5</b>	5.0	29.5 - 39.5	<b>16.5</b>	5.0	11.5 - 21.5
	Lym K/ $\mu$ L	<b>1.4</b>	0.4	1.0 - 1.8	<b>2.7</b>	0.4	2.3 - 3.1	<b>3.4</b>	1.0	2.4 - 4.4
	Mon %	<b>8.5</b>	6.0	2.5 - 14.5	<b>7.0</b>	4.0	3.0 - 11.0	<b>4.5</b>	4.0	0.5 - 8.5
	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>0.9</b>	0.8	0.1 - 1.7
	Gran %	<b>25.0</b>	7.0	18.0 - 32.0	<b>58.5</b>	6.0	52.5 - 64.5	<b>79.0</b>	7.0	72.0 - 86.0
Gran K/ $\mu$ L	<b>0.5</b>	0.4	0.1 - 0.9	<b>4.5</b>	0.6	3.9 - 5.1	<b>16.4</b>	1.4	15.0 - 17.8	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	<b>15.0</b>	2.2	12.8 - 17.2	<b>34.5</b>	3.0	31.5 - 37.5	<b>46.5</b>	4.0	42.5 - 50.5

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

AS406-015 Rev 04/19