

# MINOTROL-16™

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
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Lot No.: **MX442**  
Exp. Date: **2023-09-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # <b>MX442L</b>			Normal Lot # <b>MX442N</b>			High Abnormal Lot # <b>MX442H</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>7.3</b>	0.8	6.5 - 8.1	<b>20.0</b>	1.7	18.3 - 21.7
	RBC M/μL	<b>2.24</b>	0.17	2.07 - 2.41	<b>4.64</b>	0.26	4.38 - 4.90	<b>5.70</b>	0.32	5.38 - 6.02
	HGB g/dL	<b>6.0</b>	0.5	5.5 - 6.5	<b>13.6</b>	0.7	12.9 - 14.3	<b>18.2</b>	0.9	17.3 - 19.1
	HCT %	<b>15.9</b>	2.0	13.9 - 17.9	<b>37.6</b>	2.7	34.9 - 40.3	<b>50.7</b>	3.4	47.3 - 54.1
	MCV fL	<b>71</b>	4	67 - 75	<b>81</b>	4	77 - 85	<b>89</b>	4	85 - 93
	MCH pg	<b>26.8</b>	2.0	24.8 - 28.8	<b>29.3</b>	2.0	27.3 - 31.3	<b>31.9</b>	2.0	29.9 - 33.9
	MCHC g/dL	<b>37.7</b>	3.0	34.7 - 40.7	<b>36.2</b>	3.0	33.2 - 39.2	<b>35.9</b>	3.0	32.9 - 38.9
	RDW %	<b>14.0</b>	3.0	11.0 - 17.0	<b>14.5</b>	3.0	11.5 - 17.5	<b>13.5</b>	3.0	10.5 - 16.5
	PLT K/μL	<b>80</b>	22	58 - 102	<b>260</b>	40	220 - 300	<b>559</b>	65	494 - 624
	MPV fL	<b>7.5</b>	2.0	5.5 - 9.5	<b>7.1</b>	2.0	5.1 - 9.1	<b>7.2</b>	2.0	5.2 - 9.2
	Lym %	<b>64.0</b>	8.0	56.0 - 72.0	<b>35.0</b>	5.0	30.0 - 40.0	<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>3.2</b>	1.0	2.2 - 4.2
	Mon %	<b>9.0</b>	6.0	3.0 - 15.0	<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>57.0</b>	6.0	51.0 - 63.0	<b>78.5</b>	7.0	71.5 - 85.5
Gran K/μL	<b>0.5</b>	0.4	0.1 - 0.9	<b>4.2</b>	0.6	3.6 - 4.8	<b>15.7</b>	1.4	14.3 - 17.1	
ABX MICROS ESV 60	WBC K/μL	<b>1.8</b>	0.4	1.4 - 2.2	<b>6.7</b>	0.8	5.9 - 7.5	<b>18.8</b>	1.6	17.2 - 20.4
	RBC M/μL	<b>2.26</b>	0.15	2.11 - 2.41	<b>4.64</b>	0.18	4.46 - 4.82	<b>5.67</b>	0.20	5.47 - 5.87
	HGB g/dL	<b>5.8</b>	0.4	5.4 - 6.2	<b>13.4</b>	0.5	12.9 - 13.9	<b>18.2</b>	0.6	17.6 - 18.8
	HCT %	<b>16.0</b>	2.0	14.0 - 18.0	<b>37.1</b>	2.5	34.6 - 39.6	<b>50.5</b>	3.0	47.5 - 53.5
	MCV fL	<b>71</b>	4	67 - 75	<b>80</b>	4	76 - 84	<b>89</b>	4	85 - 93
	MCH pg	<b>25.7</b>	2.0	23.7 - 27.7	<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>36.1</b>	3.0	33.1 - 39.1	<b>36.1</b>	3.0	33.1 - 39.1
	RDW %	<b>15.5</b>	3.0	12.5 - 18.5	<b>15.0</b>	3.0	12.0 - 18.0	<b>14.0</b>	3.0	11.0 - 17.0
	PLT K/μL	<b>75</b>	20	55 - 95	<b>260</b>	40	220 - 300	<b>567</b>	45	522 - 612
	MPV fL	<b>8.3</b>	2.0	6.3 - 10.3	<b>8.2</b>	2.0	6.2 - 10.2	<b>8.0</b>	2.0	6.0 - 10.0
	Lym %	<b>56.0</b>	8.0	48.0 - 64.0	<b>29.0</b>	5.0	24.0 - 34.0	<b>12.5</b>	5.0	7.5 - 17.5
	Lym K/μL	<b>1.0</b>	0.4	0.6 - 1.4	<b>2.0</b>	0.4	1.6 - 2.4	<b>2.4</b>	1.0	1.4 - 3.4
	Mon %	<b>12.0</b>	6.0	6.0 - 18.0	<b>9.0</b>	4.0	5.0 - 13.0	<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>0.9</b>	0.8	0.1 - 1.7
	Gran %	<b>32.0</b>	7.0	25.0 - 39.0	<b>62.0</b>	6.0	56.0 - 68.0	<b>82.5</b>	7.0	75.5 - 89.5
Gran K/μL	<b>0.6</b>	0.4	0.2 - 1.0	<b>4.2</b>	0.6	3.6 - 4.8	<b>15.5</b>	1.4	14.1 - 16.9	

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Parameter/Units	Low Abnormal Lot # <b>MX442L</b>			Normal Lot # <b>MX442N</b>			High Abnormal Lot # <b>MX442H</b>			
	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>7.3</b>	0.8	6.5 - 8.1	<b>20.0</b>	1.7	18.3 - 21.7
	RBC M/ $\mu$ L	<b>2.27</b>	0.17	2.10 - 2.44	<b>4.62</b>	0.26	4.36 - 4.88	<b>5.67</b>	0.32	5.35 - 5.99
	HGB g/dL	<b>6.0</b>	0.5	5.5 - 6.5	<b>13.6</b>	0.7	12.9 - 14.3	<b>18.2</b>	0.9	17.3 - 19.1
	HCT %	<b>16.1</b>	2.0	14.1 - 18.1	<b>37.4</b>	2.7	34.7 - 40.1	<b>50.5</b>	3.4	47.1 - 53.9
	MCV fL	<b>71</b>	4	67 - 75	<b>81</b>	4	77 - 85	<b>89</b>	4	85 - 93
	MCH pg	<b>26.4</b>	2.0	24.4 - 28.4	<b>29.4</b>	2.0	27.4 - 31.4	<b>32.1</b>	2.0	30.1 - 34.1
	MCHC g/dL	<b>37.2</b>	3.0	34.2 - 40.2	<b>36.3</b>	3.0	33.3 - 39.3	<b>36.1</b>	3.0	33.1 - 39.1
	RDW %	<b>15.0</b>	3.0	12.0 - 18.0	<b>15.5</b>	3.0	12.5 - 18.5	<b>14.0</b>	3.0	11.0 - 17.0
	PLT K/ $\mu$ L	<b>80</b>	22	58 - 102	<b>264</b>	40	224 - 304	<b>564</b>	65	499 - 629
	MPV fL	<b>8.2</b>	2.0	6.2 - 10.2	<b>7.8</b>	2.0	5.8 - 9.8	<b>7.7</b>	2.0	5.7 - 9.7
	Lym %	<b>64.0</b>	8.0	56.0 - 72.0	<b>35.0</b>	5.0	30.0 - 40.0	<b>16.5</b>	5.0	11.5 - 21.5
	Lym K/ $\mu$ L	<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>9.0</b>	6.0	3.0 - 15.0	<b>8.0</b>	4.0	4.0 - 12.0	<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>0.6</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>57.0</b>	6.0	51.0 - 63.0	<b>78.0</b>	7.0	71.0 - 85.0
Gran K/ $\mu$ L	<b>0.5</b>	0.4	0.1 - 0.9	<b>4.2</b>	0.6	3.6 - 4.8	<b>15.6</b>	1.4	14.2 - 17.0	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	<b>14.6</b>	2.2	12.4 - 16.8	<b>35.3</b>	3.0	32.3 - 38.3	<b>47.4</b>	4.0	43.4 - 51.4

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

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