

# MINOTROL-16™

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
Telephone: (949) 453-0500  
(888) 903-5001  
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Lot No.: **MX435**  
Exp. Date: **2022-07-05** (Y/M/D)

	Parameter/Units	Low Abnormal Lot # <b>MX435L</b>			Normal Lot # <b>MX435N</b>			High Abnormal Lot # <b>MX435H</b>		
		Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits
ABX MICROS 60 ADVIA® 60	WBC K/μL	<b>1.9</b>	0.4	1.5 - 2.3	<b>7.6</b>	0.8	6.8 - 8.4	<b>20.1</b>	1.7	18.4 - 21.8
	RBC M/μL	<b>2.22</b>	0.17	2.05 - 2.39	<b>4.67</b>	0.26	4.41 - 4.93	<b>5.70</b>	0.32	5.38 - 6.02
	HGB g/dL	<b>5.9</b>	0.5	5.4 - 6.4	<b>13.7</b>	0.7	13.0 - 14.4	<b>18.2</b>	0.9	17.3 - 19.1
	HCT %	<b>16.0</b>	2.0	14.0 - 18.0	<b>38.5</b>	2.7	35.8 - 41.2	<b>51.3</b>	3.4	47.9 - 54.7
	MCV fL	<b>72</b>	4	68 - 76	<b>82</b>	4	78 - 86	<b>90</b>	4	86 - 94
	MCH pg	<b>26.6</b>	2.0	24.6 - 28.6	<b>29.3</b>	2.0	27.3 - 31.3	<b>31.9</b>	2.0	29.9 - 33.9
	MCHC g/dL	<b>36.9</b>	3.0	33.9 - 39.9	<b>35.6</b>	3.0	32.6 - 38.6	<b>35.5</b>	3.0	32.5 - 38.5
	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>80</b>	22	58 - 102	<b>259</b>	40	219 - 299	<b>510</b>	65	445 - 575
	MPV fL	<b>8.2</b>	2.0	6.2 - 10.2	<b>7.8</b>	2.0	5.8 - 9.8	<b>7.5</b>	2.0	5.5 - 9.5
	Lym %	<b>64.0</b>	8.0	56.0 - 72.0	<b>35.0</b>	5.0	30.0 - 40.0	<b>15.5</b>	5.0	10.5 - 20.5
	Lym K/μL	<b>1.2</b>	0.4	0.8 - 1.6	<b>2.7</b>	0.4	2.3 - 3.1	<b>3.1</b>	1.0	2.1 - 4.1
	Mon %	<b>10.5</b>	6.0	4.5 - 16.5	<b>7.0</b>	4.0	3.0 - 11.0	<b>5.0</b>	4.0	1.0 - 9.0
	Mon K/μL	<b>0.2</b>	0.2	0.0 - 0.4	<b>0.5</b>	0.3	0.2 - 0.8	<b>1.0</b>	0.8	0.2 - 1.8
Gran %	<b>25.5</b>	7.0	18.5 - 32.5	<b>58.0</b>	6.0	52.0 - 64.0	<b>79.5</b>	7.0	72.5 - 86.5	
Gran K/μL	<b>0.5</b>	0.4	0.1 - 0.9	<b>4.4</b>	0.6	3.8 - 5.0	<b>16.0</b>	1.4	14.6 - 17.4	
ABX MICROS ESV 60	WBC K/μL	<b>1.7</b>	0.4	1.3 - 2.1	<b>7.3</b>	0.8	6.5 - 8.1	<b>19.0</b>	1.6	17.4 - 20.6
	RBC M/μL	<b>2.24</b>	0.15	2.09 - 2.39	<b>4.63</b>	0.18	4.45 - 4.81	<b>5.65</b>	0.20	5.45 - 5.85
	HGB g/dL	<b>5.7</b>	0.4	5.3 - 6.1	<b>13.4</b>	0.5	12.9 - 13.9	<b>18.0</b>	0.6	17.4 - 18.6
	HCT %	<b>15.9</b>	2.0	13.9 - 17.9	<b>37.5</b>	2.5	35.0 - 40.0	<b>50.3</b>	3.0	47.3 - 53.3
	MCV fL	<b>71</b>	4	67 - 75	<b>81</b>	4	77 - 85	<b>89</b>	4	85 - 93
	MCH pg	<b>25.4</b>	2.0	23.4 - 27.4	<b>28.9</b>	2.0	26.9 - 30.9	<b>31.9</b>	2.0	29.9 - 33.9
	MCHC g/dL	<b>35.8</b>	3.0	32.8 - 38.8	<b>35.7</b>	3.0	32.7 - 38.7	<b>35.8</b>	3.0	32.8 - 38.8
	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>75</b>	20	55 - 95	<b>255</b>	40	215 - 295	<b>525</b>	65	460 - 590
	MPV fL	<b>9.1</b>	2.0	7.1 - 11.1	<b>8.8</b>	2.0	6.8 - 10.8	<b>8.5</b>	2.0	6.5 - 10.5
	Lym %	<b>54.5</b>	8.0	46.5 - 62.5	<b>28.0</b>	5.0	23.0 - 33.0	<b>11.0</b>	5.0	6.0 - 16.0
	Lym K/μL	<b>0.9</b>	0.4	0.5 - 1.3	<b>2.0</b>	0.4	1.6 - 2.4	<b>2.1</b>	1.0	1.1 - 3.1
	Mon %	<b>12.5</b>	6.0	6.5 - 18.5	<b>8.5</b>	4.0	4.5 - 12.5	<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>33.0</b>	7.0	26.0 - 40.0	<b>63.5</b>	6.0	57.5 - 69.5	<b>84.0</b>	7.0	77.0 - 91.0	
Gran K/μL	<b>0.6</b>	0.4	0.2 - 1.0	<b>4.6</b>	0.6	4.0 - 5.2	<b>16.0</b>	1.4	14.6 - 17.4	

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Lot No.: **MX435**  
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Parameter/Units	Low Abnormal Lot # <b>MX435L</b>			Normal Lot # <b>MX435N</b>			High Abnormal Lot # <b>MX435H</b>			
	Assay	Range	Limits	Assay	Range	Limits	Assay	Range	Limits	
ABX MICROS ES 60	WBC K/ $\mu$ L	<b>1.9</b>	0.4	1.5 - 2.3	<b>7.6</b>	0.8	6.8 - 8.4	<b>20.1</b>	1.7	18.4 - 21.8
	RBC M/ $\mu$ L	<b>2.22</b>	0.17	2.05 - 2.39	<b>4.67</b>	0.26	4.41 - 4.93	<b>5.68</b>	0.32	5.36 - 6.00
	HGB g/dL	<b>5.9</b>	0.5	5.4 - 6.4	<b>13.6</b>	0.7	12.9 - 14.3	<b>18.1</b>	0.9	17.2 - 19.0
	HCT %	<b>16.0</b>	2.0	14.0 - 18.0	<b>38.0</b>	2.7	35.3 - 40.7	<b>50.6</b>	3.4	47.2 - 54.0
	MCV fL	<b>72</b>	4	68 - 76	<b>81</b>	4	77 - 85	<b>89</b>	4	85 - 93
	MCH pg	<b>26.6</b>	2.0	24.6 - 28.6	<b>29.1</b>	2.0	27.1 - 31.1	<b>31.9</b>	2.0	29.9 - 33.9
	MCHC g/dL	<b>36.9</b>	3.0	33.9 - 39.9	<b>35.8</b>	3.0	32.8 - 38.8	<b>35.8</b>	3.0	32.8 - 38.8
	RDW %	<b>15.0</b>	3.0	12.0 - 18.0	<b>14.0</b>	3.0	11.0 - 17.0	<b>13.5</b>	3.0	10.5 - 16.5
	PLT K/ $\mu$ L	<b>82</b>	22	60 - 104	<b>262</b>	40	222 - 302	<b>525</b>	65	460 - 590
	MPV fL	<b>9.0</b>	2.0	7.0 - 11.0	<b>8.6</b>	2.0	6.6 - 10.6	<b>8.0</b>	2.0	6.0 - 10.0
	Lym %	<b>64.5</b>	8.0	56.5 - 72.5	<b>34.5</b>	5.0	29.5 - 39.5	<b>15.5</b>	5.0	10.5 - 20.5
	Lym K/ $\mu$ L	<b>1.2</b>	0.4	0.8 - 1.6	<b>2.6</b>	0.4	2.2 - 3.0	<b>3.1</b>	1.0	2.1 - 4.1
	Mon %	<b>10.0</b>	6.0	4.0 - 16.0	<b>7.5</b>	4.0	3.5 - 11.5	<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>25.5</b>	7.0	18.5 - 32.5	<b>58.0</b>	6.0	52.0 - 64.0	<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>4.4</b>	0.6	3.8 - 5.0	<b>15.9</b>	1.4	14.5 - 17.3	
CENTRIFUGED MICROHEMATOCRIT	Spun HCT %	<b>14.7</b>	2.2	12.5 - 16.9	<b>35.9</b>	3.0	32.9 - 38.9	<b>48.0</b>	4.0	44.0 - 52.0

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