

**BC-5D****HEMATOLOGY CONTROLS****CONTROL****LOT BC2003B****2020-05-10**

## ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low <b>LOT BC2003BL</b>		Normal <b>LOT BC2003BN</b>		High <b>LOT BC2003BH</b>	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
<b>BC-5390 WBC</b>	<b>3.30 ± 0.50</b> × 10 <sup>3</sup> /μL	<b>3.30 ± 0.50</b> × 10 <sup>9</sup> /L	<b>7.60 ± 1.00</b> × 10 <sup>3</sup> /μL	<b>7.60 ± 1.00</b> × 10 <sup>9</sup> /L	<b>17.55 ± 2.50</b> × 10 <sup>3</sup> /μL	<b>17.55 ± 2.50</b> × 10 <sup>9</sup> /L
<b>QC Mode Neu#</b>	<b>1.68 ± 0.30</b> × 10 <sup>3</sup> /μL	<b>1.68 ± 0.30</b> × 10 <sup>9</sup> /L	<b>4.37 ± 0.69</b> × 10 <sup>3</sup> /μL	<b>4.37 ± 0.69</b> × 10 <sup>9</sup> /μL	<b>11.50 ± 1.59</b> × 10 <sup>3</sup> /μL	<b>11.50 ± 1.59</b> × 10 <sup>9</sup> /μL
<b>Lym#</b>	<b>1.16 ± 0.30</b> × 10 <sup>3</sup> /μL	<b>1.16 ± 0.30</b> × 10 <sup>9</sup> /L	<b>2.09 ± 0.61</b> × 10 <sup>3</sup> /μL	<b>2.09 ± 0.61</b> × 10 <sup>9</sup> /μL	<b>3.33 ± 1.23</b> × 10 <sup>3</sup> /μL	<b>3.33 ± 1.23</b> × 10 <sup>9</sup> /μL
<b>Mon#</b>	<b>0.26 ± 0.20</b> × 10 <sup>3</sup> /μL	<b>0.26 ± 0.20</b> × 10 <sup>9</sup> /L	<b>0.53 ± 0.38</b> × 10 <sup>3</sup> /μL	<b>0.53 ± 0.38</b> × 10 <sup>9</sup> /μL	<b>1.05 ± 0.88</b> × 10 <sup>3</sup> /μL	<b>1.05 ± 0.88</b> × 10 <sup>9</sup> /μL
<b>Eos#</b>	<b>0.20 ± 0.17</b> × 10 <sup>3</sup> /μL	<b>0.20 ± 0.17</b> × 10 <sup>9</sup> /L	<b>0.61 ± 0.46</b> × 10 <sup>3</sup> /μL	<b>0.61 ± 0.46</b> × 10 <sup>9</sup> /μL	<b>1.67 ± 1.41</b> × 10 <sup>3</sup> /μL	<b>1.67 ± 1.41</b> × 10 <sup>9</sup> /μL
<b>Bas#</b>	<b>0.79 ± 0.34</b> × 10 <sup>3</sup> /μL	<b>0.79 ± 0.34</b> × 10 <sup>9</sup> /L	<b>2.07 ± 0.76</b> × 10 <sup>3</sup> /μL	<b>2.07 ± 0.76</b> × 10 <sup>9</sup> /μL	<b>5.34 ± 1.76</b> × 10 <sup>3</sup> /μL	<b>5.34 ± 1.76</b> × 10 <sup>9</sup> /μL
<b>Neu%</b>	<b>51.0 ± 9.0</b> %	<b>51.0 ± 9.0</b> %	<b>57.5 ± 9.0</b> %	<b>57.5 ± 9.0</b> %	<b>65.5 ± 9.0</b> %	<b>65.5 ± 9.0</b> %
<b>Lym%</b>	<b>35.0 ± 9.0</b> %	<b>35.0 ± 9.0</b> %	<b>27.5 ± 8.0</b> %	<b>27.5 ± 8.0</b> %	<b>19.0 ± 7.0</b> %	<b>19.0 ± 7.0</b> %
<b>Mon%</b>	<b>8.0 ± 6.0</b> %	<b>8.0 ± 6.0</b> %	<b>7.0 ± 5.0</b> %	<b>7.0 ± 5.0</b> %	<b>6.0 ± 5.0</b> %	<b>6.0 ± 5.0</b> %
<b>Eos%</b>	<b>6.0 ± 5.0</b> %	<b>6.0 ± 5.0</b> %	<b>8.0 ± 6.0</b> %	<b>8.0 ± 6.0</b> %	<b>9.5 ± 8.0</b> %	<b>9.5 ± 8.0</b> %
<b>Bas%</b>	<b>23.8 ± 10.0</b> %	<b>23.8 ± 10.0</b> %	<b>27.3 ± 10.0</b> %	<b>27.3 ± 10.0</b> %	<b>30.4 ± 10.0</b> %	<b>30.4 ± 10.0</b> %
<b>RBC</b>	<b>2.13 ± 0.18</b> × 10 <sup>6</sup> /μL	<b>2.13 ± 0.18</b> × 10 <sup>12</sup> /L	<b>4.24 ± 0.24</b> × 10 <sup>6</sup> /μL	<b>4.24 ± 0.24</b> × 10 <sup>12</sup> /L	<b>4.83 ± 0.30</b> × 10 <sup>6</sup> /μL	<b>4.83 ± 0.30</b> × 10 <sup>12</sup> /L
<b>HGB</b>	<b>5.7 ± 0.4</b> g/dL	<b>57 ± 4</b> g/L	<b>12.7 ± 0.6</b> g/dL	<b>127 ± 6</b> g/L	<b>15.4 ± 0.8</b> g/dL	<b>154 ± 8</b> g/L
<b>HCT</b>	<b>17.8 ± 1.5</b> %	<b>17.8 ± 1.5</b> %	<b>40.3 ± 2.0</b> %	<b>40.3 ± 2.0</b> %	<b>49.7 ± 2.4</b> %	<b>49.7 ± 2.4</b> %
<b>MCV</b>	<b>83.5 ± 5.0</b> fL	<b>83.5 ± 5.0</b> fL	<b>95.0 ± 5.0</b> fL	<b>95.0 ± 5.0</b> fL	<b>103.0 ± 5.0</b> fL	<b>103.0 ± 5.0</b> fL
<b>MCH</b>	<b>26.8 ± 2.5</b> pg	<b>26.8 ± 2.5</b> pg	<b>30.0 ± 2.5</b> pg	<b>30.0 ± 2.5</b> pg	<b>31.9 ± 2.5</b> pg	<b>31.9 ± 2.5</b> pg
<b>MCHC</b>	<b>32.0 ± 3.0</b> g/dL	<b>320 ± 30</b> g/L	<b>31.5 ± 3.0</b> g/dL	<b>315 ± 30</b> g/L	<b>31.0 ± 3.0</b> g/dL	<b>310 ± 30</b> g/L
<b>RDW-CV</b>	<b>14.5 ± 3.0</b> %	<b>14.5 ± 3.0</b> %	<b>13.5 ± 3.0</b> %	<b>13.5 ± 3.0</b> %	<b>13.5 ± 3.0</b> %	<b>13.5 ± 3.0</b> %
<b>RDW-SD</b>	<b>43.5 ± 8.0</b> fL	<b>43.5 ± 8.0</b> fL	<b>46.0 ± 8.0</b> fL	<b>46.0 ± 8.0</b> fL	<b>48.5 ± 8.0</b> fL	<b>48.5 ± 8.0</b> fL
<b>PLT</b>	<b>48 ± 20</b> × 10 <sup>3</sup> /μL	<b>48 ± 20</b> × 10 <sup>9</sup> /L	<b>250 ± 40</b> × 10 <sup>3</sup> /μL	<b>250 ± 40</b> × 10 <sup>9</sup> /L	<b>466 ± 60</b> × 10 <sup>3</sup> /μL	<b>466 ± 60</b> × 10 <sup>9</sup> /L
<b>MPV</b>	<b>8.5 ± 3.0</b> fL	<b>8.5 ± 3.0</b> fL	<b>9.2 ± 3.0</b> fL	<b>9.2 ± 3.0</b> fL	<b>8.1 ± 3.0</b> fL	<b>8.1 ± 3.0</b> fL

Before using, refer to the instruction sheet for mixing directions.

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