

**BC-5D**

## HEMATOLOGY CONTROLS

CONTROL

## ASSAY VALUES AND EXPECTED RANGES

LOT BC1911B

2020-01-10

Instrument Parameter	Low BC1911BL		Normal BC1911BN		High BC1911BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
<b>BC-5390</b> WBC	<b>3.20 ± 0.50</b> × 10 <sup>3</sup> /μL	<b>3.20 ± 0.50</b> × 10 <sup>9</sup> /L	<b>7.80 ± 1.00</b> × 10 <sup>3</sup> /μL	<b>7.80 ± 1.00</b> × 10 <sup>9</sup> /L	<b>17.00 ± 2.50</b> × 10 <sup>3</sup> /μL	<b>17.00 ± 2.50</b> × 10 <sup>9</sup> /L
<b>QC Mode</b> Neu#	<b>1.62 ± 0.29</b> × 10 <sup>3</sup> /μL	<b>1.62 ± 0.29</b> × 10 <sup>9</sup> /L	<b>4.60 ± 0.63</b> × 10 <sup>3</sup> /μL	<b>4.60 ± 0.63</b> × 10 <sup>9</sup> /μL	<b>11.22 ± 1.53</b> × 10 <sup>3</sup> /μL	<b>11.22 ± 1.53</b> × 10 <sup>9</sup> /μL
Lym#	<b>1.18 ± 0.29</b> × 10 <sup>3</sup> /μL	<b>1.18 ± 0.29</b> × 10 <sup>9</sup> /L	<b>2.26 ± 0.63</b> × 10 <sup>3</sup> /μL	<b>2.26 ± 0.63</b> × 10 <sup>9</sup> /μL	<b>3.06 ± 1.19</b> × 10 <sup>3</sup> /μL	<b>3.06 ± 1.19</b> × 10 <sup>9</sup> /μL
Mon#	<b>0.22 ± 0.19</b> × 10 <sup>3</sup> /μL	<b>0.22 ± 0.19</b> × 10 <sup>9</sup> /L	<b>0.39 ± 0.32</b> × 10 <sup>3</sup> /μL	<b>0.39 ± 0.32</b> × 10 <sup>9</sup> /μL	<b>1.02 ± 0.85</b> × 10 <sup>3</sup> /μL	<b>1.02 ± 0.85</b> × 10 <sup>9</sup> /μL
Eos#	<b>0.18 ± 0.17</b> × 10 <sup>3</sup> /μL	<b>0.18 ± 0.17</b> × 10 <sup>9</sup> /L	<b>0.55 ± 0.48</b> × 10 <sup>3</sup> /μL	<b>0.55 ± 0.48</b> × 10 <sup>9</sup> /μL	<b>1.70 ± 1.36</b> × 10 <sup>3</sup> /μL	<b>1.70 ± 1.36</b> × 10 <sup>9</sup> /μL
Bas#	<b>0.77 ± 0.33</b> × 10 <sup>3</sup> /μL	<b>0.77 ± 0.33</b> × 10 <sup>9</sup> /L	<b>2.14 ± 0.79</b> × 10 <sup>3</sup> /μL	<b>2.14 ± 0.79</b> × 10 <sup>9</sup> /μL	<b>5.22 ± 1.71</b> × 10 <sup>3</sup> /μL	<b>5.22 ± 1.71</b> × 10 <sup>9</sup> /μL
Neu%	<b>50.5 ± 9.0</b> %	<b>50.5 ± 9.0</b> %	<b>59.0 ± 8.0</b> %	<b>59.0 ± 8.0</b> %	<b>66.0 ± 9.0</b> %	<b>66.0 ± 9.0</b> %
Lym%	<b>37.0 ± 9.0</b> %	<b>37.0 ± 9.0</b> %	<b>29.0 ± 8.0</b> %	<b>29.0 ± 8.0</b> %	<b>18.0 ± 7.0</b> %	<b>18.0 ± 7.0</b> %
Mon%	<b>7.0 ± 6.0</b> %	<b>7.0 ± 6.0</b> %	<b>5.0 ± 4.0</b> %	<b>5.0 ± 4.0</b> %	<b>6.0 ± 5.0</b> %	<b>6.0 ± 5.0</b> %
Eos%	<b>5.5 ± 5.0</b> %	<b>5.5 ± 5.0</b> %	<b>7.0 ± 6.0</b> %	<b>7.0 ± 6.0</b> %	<b>10.0 ± 8.0</b> %	<b>10.0 ± 8.0</b> %
Bas%	<b>24.0 ± 10.0</b> %	<b>24.0 ± 10.0</b> %	<b>27.4 ± 10.0</b> %	<b>27.4 ± 10.0</b> %	<b>30.7 ± 10.0</b> %	<b>30.7 ± 10.0</b> %
RBC	<b>1.92 ± 0.18</b> × 10 <sup>6</sup> /μL	<b>1.92 ± 0.18</b> × 10 <sup>12</sup> /L	<b>4.10 ± 0.24</b> × 10 <sup>6</sup> /μL	<b>4.10 ± 0.24</b> × 10 <sup>12</sup> /L	<b>4.86 ± 0.30</b> × 10 <sup>6</sup> /μL	<b>4.86 ± 0.30</b> × 10 <sup>12</sup> /L
HGB	<b>5.1 ± 0.4</b> g/dL	<b>51 ± 4</b> g/L	<b>12.4 ± 0.6</b> g/dL	<b>124 ± 6</b> g/L	<b>15.3 ± 0.8</b> g/dL	<b>153 ± 8</b> g/L
HCT	<b>16.3 ± 1.5</b> %	<b>16.3 ± 1.5</b> %	<b>39.0 ± 2.0</b> %	<b>39.0 ± 2.0</b> %	<b>49.1 ± 2.4</b> %	<b>49.1 ± 2.4</b> %
MCV	<b>85.0 ± 5.0</b> fL	<b>85.0 ± 5.0</b> fL	<b>95.0 ± 5.0</b> fL	<b>95.0 ± 5.0</b> fL	<b>101.0 ± 5.0</b> fL	<b>101.0 ± 5.0</b> fL
MCH	<b>26.6 ± 2.5</b> pg	<b>26.6 ± 2.5</b> pg	<b>30.2 ± 2.5</b> pg	<b>30.2 ± 2.5</b> pg	<b>31.5 ± 2.5</b> pg	<b>31.5 ± 2.5</b> pg
MCHC	<b>31.3 ± 3.0</b> g/dL	<b>313 ± 30</b> g/L	<b>31.8 ± 3.0</b> g/dL	<b>318 ± 30</b> g/L	<b>31.2 ± 3.0</b> g/dL	<b>312 ± 30</b> g/L
RDW-CV	<b>15.0 ± 3.0</b> %	<b>15.0 ± 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> %
RDW-SD	<b>47.5 ± 8.0</b> fL	<b>47.5 ± 8.0</b> fL	<b>50.0 ± 8.0</b> fL	<b>50.0 ± 8.0</b> fL	<b>50.5 ± 8.0</b> fL	<b>50.5 ± 8.0</b> fL
PLT	<b>50 ± 20</b> × 10 <sup>3</sup> /μL	<b>50 ± 20</b> × 10 <sup>9</sup> /L	<b>245 ± 40</b> × 10 <sup>3</sup> /μL	<b>245 ± 40</b> × 10 <sup>9</sup> /L	<b>462 ± 60</b> × 10 <sup>3</sup> /μL	<b>462 ± 60</b> × 10 <sup>9</sup> /L
MPV	<b>10.2 ± 3.0</b> fL	<b>10.2 ± 3.0</b> fL	<b>11.6 ± 3.0</b> fL	<b>11.6 ± 3.0</b> fL	<b>11.0 ± 3.0</b> fL	<b>11.0 ± 3.0</b> fL

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

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