

# BC-5D

## HEMATOLOGY CONTROLS

CONTROL

## ASSAY VALUES AND EXPECTED RANGES

**LOT** BC1711B  
 2018-01-10

Instrument Parameter		Low <b>LOT</b> BC1711BL		Normal <b>LOT</b> BC1711BN		High <b>LOT</b> BC1711BH	
		The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390	WBC	<b>3.30 ± 0.50</b> × 10 <sup>3</sup> /μL	<b>3.30 ± 0.50</b> × 10 <sup>9</sup> /L	<b>7.65 ± 1.00</b> × 10 <sup>3</sup> /μL	<b>7.65 ± 1.00</b> × 10 <sup>9</sup> /L	<b>16.90 ± 2.50</b> × 10 <sup>3</sup> /μL	<b>16.90 ± 2.50</b> × 10 <sup>9</sup> /L
QC Mode	Neu#	<b>1.68 ± 0.30</b> × 10 <sup>3</sup> /μL	<b>1.68 ± 0.30</b> × 10 <sup>9</sup> /L	<b>4.51 ± 0.65</b> × 10 <sup>3</sup> /μL	<b>4.51 ± 0.65</b> × 10 <sup>9</sup> /μL	<b>11.34 ± 1.55</b> × 10 <sup>3</sup> /μL	<b>11.34 ± 1.55</b> × 10 <sup>9</sup> /μL
	Lym#	<b>1.25 ± 0.30</b> × 10 <sup>3</sup> /μL	<b>1.25 ± 0.30</b> × 10 <sup>9</sup> /L	<b>2.03 ± 0.65</b> × 10 <sup>3</sup> /μL	<b>2.03 ± 0.65</b> × 10 <sup>9</sup> /μL	<b>2.92 ± 1.20</b> × 10 <sup>3</sup> /μL	<b>2.92 ± 1.20</b> × 10 <sup>9</sup> /μL
	Mon#	<b>0.20 ± 0.17</b> × 10 <sup>3</sup> /μL	<b>0.20 ± 0.17</b> × 10 <sup>9</sup> /L	<b>0.50 ± 0.38</b> × 10 <sup>3</sup> /μL	<b>0.50 ± 0.38</b> × 10 <sup>9</sup> /μL	<b>1.06 ± 0.85</b> × 10 <sup>3</sup> /μL	<b>1.06 ± 0.85</b> × 10 <sup>9</sup> /μL
	Eos#	<b>0.17 ± 0.14</b> × 10 <sup>3</sup> /μL	<b>0.17 ± 0.14</b> × 10 <sup>9</sup> /L	<b>0.60 ± 0.46</b> × 10 <sup>3</sup> /μL	<b>0.60 ± 0.46</b> × 10 <sup>9</sup> /μL	<b>1.57 ± 1.20</b> × 10 <sup>3</sup> /μL	<b>1.57 ± 1.20</b> × 10 <sup>9</sup> /μL
	Bas#	<b>0.81 ± 0.35</b> × 10 <sup>3</sup> /μL	<b>0.81 ± 0.35</b> × 10 <sup>9</sup> /L	<b>2.16 ± 0.80</b> × 10 <sup>3</sup> /μL	<b>2.16 ± 0.80</b> × 10 <sup>9</sup> /μL	<b>5.31 ± 1.70</b> × 10 <sup>3</sup> /μL	<b>5.31 ± 1.70</b> × 10 <sup>9</sup> /μL
	Neu%	<b>50.9 ± 9.0</b> %	<b>50.9 ± 9.0</b> %	<b>59.0 ± 8.0</b> %	<b>59.0 ± 8.0</b> %	<b>67.1 ± 9.0</b> %	<b>67.1 ± 9.0</b> %
	Lym%	<b>37.9 ± 9.0</b> %	<b>37.9 ± 9.0</b> %	<b>26.5 ± 8.0</b> %	<b>26.5 ± 8.0</b> %	<b>17.3 ± 7.0</b> %	<b>17.3 ± 7.0</b> %
	Mon%	<b>6.2 ± 5.5</b> %	<b>6.2 ± 5.5</b> %	<b>6.6 ± 5.0</b> %	<b>6.6 ± 5.0</b> %	<b>6.3 ± 5.0</b> %	<b>6.3 ± 5.0</b> %
	Eos%	<b>5.0 ± 4.0</b> %	<b>5.0 ± 4.0</b> %	<b>7.9 ± 6.0</b> %	<b>7.9 ± 6.0</b> %	<b>9.3 ± 7.0</b> %	<b>9.3 ± 7.0</b> %
	Bas%	<b>24.6 ± 10.0</b> %	<b>24.6 ± 10.0</b> %	<b>28.2 ± 10.0</b> %	<b>28.2 ± 10.0</b> %	<b>31.4 ± 10.0</b> %	<b>31.4 ± 10.0</b> %
	RBC	<b>1.95 ± 0.18</b> × 10 <sup>6</sup> /μL	<b>1.95 ± 0.18</b> × 10 <sup>12</sup> /L	<b>4.17 ± 0.24</b> × 10 <sup>6</sup> /μL	<b>4.17 ± 0.24</b> × 10 <sup>12</sup> /L	<b>5.00 ± 0.30</b> × 10 <sup>6</sup> /μL	<b>5.00 ± 0.30</b> × 10 <sup>12</sup> /L
	HGB	<b>5.5 ± 0.4</b> g/dL	<b>55 ± 4</b> g/L	<b>12.1 ± 0.6</b> g/dL	<b>121 ± 6</b> g/L	<b>15.7 ± 0.8</b> g/dL	<b>157 ± 8</b> g/L
	HCT	<b>17.1 ± 1.5</b> %	<b>17.1 ± 1.5</b> %	<b>37.9 ± 2.0</b> %	<b>37.9 ± 2.0</b> %	<b>49.8 ± 2.4</b> %	<b>49.8 ± 2.4</b> %
	MCV	<b>87.5 ± 5.0</b> fL	<b>87.5 ± 5.0</b> fL	<b>91.0 ± 5.0</b> fL	<b>91.0 ± 5.0</b> fL	<b>99.5 ± 5.0</b> fL	<b>99.5 ± 5.0</b> fL
	MCH	<b>28.2 ± 2.5</b> pg	<b>28.2 ± 2.5</b> pg	<b>29.0 ± 2.5</b> pg	<b>29.0 ± 2.5</b> pg	<b>31.4 ± 2.5</b> pg	<b>31.4 ± 2.5</b> pg
	MCHC	<b>32.2 ± 3.0</b> g/dL	<b>322 ± 30</b> g/L	<b>31.9 ± 3.0</b> g/dL	<b>319 ± 30</b> g/L	<b>31.6 ± 3.0</b> g/dL	<b>316 ± 30</b> g/L
	RDW-CV	<b>13.5 ± 3.0</b> %	<b>13.5 ± 3.0</b> %	<b>14.0 ± 3.0</b> %	<b>14.0 ± 3.0</b> %	<b>13.0 ± 3.0</b> %	<b>13.0 ± 3.0</b> %
	RDW-SD	<b>45.5 ± 8.0</b> fL	<b>45.5 ± 8.0</b> fL	<b>46.5 ± 8.0</b> fL	<b>46.5 ± 8.0</b> fL	<b>47.0 ± 8.0</b> fL	<b>47.0 ± 8.0</b> fL
	PLT	<b>51 ± 20</b> × 10 <sup>3</sup> /μL	<b>51 ± 20</b> × 10 <sup>9</sup> /L	<b>235 ± 40</b> × 10 <sup>3</sup> /μL	<b>235 ± 40</b> × 10 <sup>9</sup> /L	<b>480 ± 60</b> × 10 <sup>3</sup> /μL	<b>480 ± 60</b> × 10 <sup>9</sup> /L
	MPV	<b>10.9 ± 3.0</b> fL	<b>10.9 ± 3.0</b> fL	<b>10.3 ± 3.0</b> fL	<b>10.3 ± 3.0</b> fL	<b>10.9 ± 3.0</b> fL	<b>10.9 ± 3.0</b> fL

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

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.  
 Mindray Building, Keji 12<sup>th</sup> Road South, High-tech Industrial Park, Nanshan, ShenZhen 518057, P.R.China  
 Tel: +86 755 26582479 26582888  
 Fax: +86 755 26582934 26582500

**U. S. Contact:** Mindray North America  
**Address:** 800 MacArthur Blvd., Mahwah, NJ 07430-0619, USA  
**Toll Free:** +1 (800) 288 2121