

BC-5D**HEMATOLOGY CONTROLS****CONTROL****LOT BC1903B****2019-05-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC1903BL		Normal LOT BC1903BN		High LOT BC1903BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	3.30 ± 0.50 × 10 ³ /μL	3.30 ± 0.50 × 10 ⁹ /L	8.10 ± 1.00 × 10 ³ /μL	8.10 ± 1.00 × 10 ⁹ /L	17.85 ± 2.50 × 10 ³ /μL	17.85 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.70 ± 0.30 × 10 ³ /μL	1.70 ± 0.30 × 10 ⁹ /L	4.74 ± 0.65 × 10 ³ /μL	4.74 ± 0.65 × 10 ⁹ /μL	11.87 ± 1.61 × 10 ³ /μL	11.87 ± 1.61 × 10 ⁹ /μL
Lym#	1.20 ± 0.30 × 10 ³ /μL	1.20 ± 0.30 × 10 ⁹ /L	2.27 ± 0.65 × 10 ³ /μL	2.27 ± 0.65 × 10 ⁹ /μL	3.12 ± 1.25 × 10 ³ /μL	3.12 ± 1.25 × 10 ⁹ /μL
Mon#	0.23 ± 0.20 × 10 ³ /μL	0.23 ± 0.20 × 10 ⁹ /L	0.53 ± 0.49 × 10 ³ /μL	0.53 ± 0.49 × 10 ⁹ /μL	1.16 ± 1.08 × 10 ³ /μL	1.16 ± 1.08 × 10 ⁹ /μL
Eos#	0.17 ± 0.14 × 10 ³ /μL	0.17 ± 0.14 × 10 ⁹ /L	0.57 ± 0.49 × 10 ³ /μL	0.57 ± 0.49 × 10 ⁹ /μL	1.70 ± 1.44 × 10 ³ /μL	1.70 ± 1.44 × 10 ⁹ /μL
Bas#	0.81 ± 0.34 × 10 ³ /μL	0.81 ± 0.34 × 10 ⁹ /L	2.21 ± 0.81 × 10 ³ /μL	2.21 ± 0.81 × 10 ⁹ /μL	5.50 ± 1.79 × 10 ³ /μL	5.50 ± 1.79 × 10 ⁹ /μL
Neu%	51.5 ± 9.0 %	51.5 ± 9.0 %	58.5 ± 8.0 %	58.5 ± 8.0 %	66.5 ± 9.0 %	66.5 ± 9.0 %
Lym%	36.5 ± 9.0 %	36.5 ± 9.0 %	28.0 ± 8.0 %	28.0 ± 8.0 %	17.5 ± 7.0 %	17.5 ± 7.0 %
Mon%	7.0 ± 6.0 %	7.0 ± 6.0 %	6.5 ± 6.0 %	6.5 ± 6.0 %	6.5 ± 6.0 %	6.5 ± 6.0 %
Eos%	5.0 ± 4.0 %	5.0 ± 4.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %	9.5 ± 8.0 %	9.5 ± 8.0 %
Bas%	24.4 ± 10.0 %	24.4 ± 10.0 %	27.3 ± 10.0 %	27.3 ± 10.0 %	30.8 ± 10.0 %	30.8 ± 10.0 %
RBC	1.93 ± 0.18 × 10 ⁶ /μL	1.93 ± 0.18 × 10 ¹² /L	4.12 ± 0.24 × 10 ⁶ /μL	4.12 ± 0.24 × 10 ¹² /L	5.09 ± 0.30 × 10 ⁶ /μL	5.09 ± 0.30 × 10 ¹² /L
HGB	5.2 ± 0.4 g/dL	52 ± 4 g/L	12.6 ± 0.6 g/dL	126 ± 6 g/L	15.8 ± 0.8 g/dL	158 ± 8 g/L
HCT	16.5 ± 1.5 %	16.5 ± 1.5 %	39.6 ± 2.0 %	39.6 ± 2.0 %	50.4 ± 2.4 %	50.4 ± 2.4 %
MCV	85.5 ± 5.0 fL	85.5 ± 5.0 fL	96.0 ± 5.0 fL	96.0 ± 5.0 fL	99.0 ± 5.0 fL	99.0 ± 5.0 fL
MCH	26.9 ± 2.5 pg	26.9 ± 2.5 pg	30.6 ± 2.5 pg	30.6 ± 2.5 pg	31.0 ± 2.5 pg	31.0 ± 2.5 pg
MCHC	31.5 ± 3.0 g/dL	315 ± 30 g/L	31.9 ± 3.0 g/dL	319 ± 30 g/L	31.4 ± 3.0 g/dL	314 ± 30 g/L
RDW-CV	13.5 ± 3.0 %	13.5 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	44.0 ± 8.0 fL	44.0 ± 8.0 fL	47.0 ± 8.0 fL	47.0 ± 8.0 fL	49.0 ± 8.0 fL	49.0 ± 8.0 fL
PLT	59 ± 20 × 10 ³ /μL	59 ± 20 × 10 ⁹ /L	240 ± 40 × 10 ³ /μL	240 ± 40 × 10 ⁹ /L	491 ± 60 × 10 ³ /μL	491 ± 60 × 10 ⁹ /L
MPV	10.2 ± 3.0 fL	10.2 ± 3.0 fL	10.8 ± 3.0 fL	10.8 ± 3.0 fL	11.5 ± 3.0 fL	11.5 ± 3.0 fL

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

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Mindray Building, Keji 12th 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