

BC-5D

HEMATOLOGY CONTROLS

CONTROL


LOT BC1803B
2018-05-10

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low BC1803BL		Normal BC1803BN		High BC1803BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	3.10 ± 0.50 × 10 ³ /μL	3.10 ± 0.50 × 10 ⁹ /L	7.60 ± 1.00 × 10 ³ /μL	7.60 ± 1.00 × 10 ⁹ /L	16.90 ± 2.50 × 10 ³ /μL	16.90 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.58 ± 0.30 × 10 ³ /μL	1.58 ± 0.30 × 10 ⁹ /L	4.29 ± 0.65 × 10 ³ /μL	4.29 ± 0.65 × 10 ⁹ /μL	10.73 ± 1.55 × 10 ³ /μL	10.73 ± 1.55 × 10 ⁹ /μL
Lym#	1.12 ± 0.30 × 10 ³ /μL	1.12 ± 0.30 × 10 ⁹ /L	2.13 ± 0.65 × 10 ³ /μL	2.13 ± 0.65 × 10 ⁹ /μL	3.21 ± 1.20 × 10 ³ /μL	3.21 ± 1.20 × 10 ⁹ /μL
Mon#	0.20 ± 0.19 × 10 ³ /μL	0.20 ± 0.19 × 10 ⁹ /L	0.46 ± 0.44 × 10 ³ /μL	0.46 ± 0.44 × 10 ⁹ /μL	1.01 ± 0.85 × 10 ³ /μL	1.01 ± 0.85 × 10 ⁹ /μL
Eos#	0.20 ± 0.19 × 10 ³ /μL	0.20 ± 0.19 × 10 ⁹ /L	0.72 ± 0.61 × 10 ³ /μL	0.72 ± 0.61 × 10 ⁹ /μL	1.94 ± 1.35 × 10 ³ /μL	1.94 ± 1.35 × 10 ⁹ /μL
Bas#	0.76 ± 0.35 × 10 ³ /μL	0.76 ± 0.35 × 10 ⁹ /L	2.08 ± 0.80 × 10 ³ /μL	2.08 ± 0.80 × 10 ⁹ /μL	5.22 ± 1.70 × 10 ³ /μL	5.22 ± 1.70 × 10 ⁹ /μL
Neu%	51.0 ± 9.0 %	51.0 ± 9.0 %	56.5 ± 8.0 %	56.5 ± 8.0 %	63.5 ± 9.0 %	63.5 ± 9.0 %
Lym%	36.0 ± 9.0 %	36.0 ± 9.0 %	28.0 ± 8.0 %	28.0 ± 8.0 %	19.0 ± 7.0 %	19.0 ± 7.0 %
Mon%	6.5 ± 6.0 %	6.5 ± 6.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %
Eos%	6.5 ± 6.0 %	6.5 ± 6.0 %	9.5 ± 8.0 %	9.5 ± 8.0 %	11.5 ± 8.0 %	11.5 ± 8.0 %
Bas%	24.5 ± 10.0 %	24.5 ± 10.0 %	27.4 ± 10.0 %	27.4 ± 10.0 %	30.9 ± 10.0 %	30.9 ± 10.0 %
RBC	2.17 ± 0.18 × 10 ⁶ /μL	2.17 ± 0.18 × 10 ¹² /L	4.02 ± 0.24 × 10 ⁶ /μL	4.02 ± 0.24 × 10 ¹² /L	4.88 ± 0.30 × 10 ⁶ /μL	4.88 ± 0.30 × 10 ¹² /L
HGB	5.9 ± 0.4 g/dL	59 ± 4 g/L	12.1 ± 0.6 g/dL	121 ± 6 g/L	15.3 ± 0.8 g/dL	153 ± 8 g/L
HCT	18.7 ± 1.5 %	18.7 ± 1.5 %	38.2 ± 2.0 %	38.2 ± 2.0 %	49.0 ± 2.4 %	49.0 ± 2.4 %
MCV	86.0 ± 5.0 fL	86.0 ± 5.0 fL	95.0 ± 5.0 fL	95.0 ± 5.0 fL	100.5 ± 5.0 fL	100.5 ± 5.0 fL
MCH	27.2 ± 2.5 pg	27.2 ± 2.5 pg	30.1 ± 2.5 pg	30.1 ± 2.5 pg	31.4 ± 2.5 pg	31.4 ± 2.5 pg
MCHC	31.6 ± 3.0 g/dL	316 ± 30 g/L	31.7 ± 3.0 g/dL	317 ± 30 g/L	31.2 ± 3.0 g/dL	312 ± 30 g/L
RDW-CV	13.2 ± 3.0 %	13.2 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	43.0 ± 8.0 fL	43.0 ± 8.0 fL	47.0 ± 8.0 fL	47.0 ± 8.0 fL	48.5 ± 8.0 fL	48.5 ± 8.0 fL
PLT	49 ± 20 × 10 ³ /μL	49 ± 20 × 10 ⁹ /L	241 ± 40 × 10 ³ /μL	241 ± 40 × 10 ⁹ /L	482 ± 60 × 10 ³ /μL	482 ± 60 × 10 ⁹ /L
MPV	9.7 ± 3.0 fL	9.7 ± 3.0 fL	10.7 ± 3.0 fL	10.7 ± 3.0 fL	11.2 ± 3.0 fL	11.2 ± 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