

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC2007B****2020-09-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC2007BL		Normal LOT BC2007BN		High LOT BC2007BH	
	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	7.90 ± 1.00 × 10 ³ /μL	7.90 ± 1.00 × 10 ⁹ /L	17.60 ± 2.50 × 10 ³ /μL	17.60 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.68 ± 0.30 × 10 ³ /μL	1.68 ± 0.30 × 10 ⁹ /L	4.50 ± 0.72 × 10 ³ /μL	4.50 ± 0.72 × 10 ⁹ /μL	11.09 ± 1.59 × 10 ³ /μL	11.09 ± 1.59 × 10 ⁹ /μL
Lym#	1.16 ± 0.30 × 10 ³ /μL	1.16 ± 0.30 × 10 ⁹ /L	2.21 ± 0.64 × 10 ³ /μL	2.21 ± 0.64 × 10 ⁹ /μL	3.34 ± 1.24 × 10 ³ /μL	3.34 ± 1.24 × 10 ⁹ /μL
Mon#	0.30 ± 0.24 × 10 ³ /μL	0.30 ± 0.24 × 10 ⁹ /L	0.59 ± 0.48 × 10 ³ /μL	0.59 ± 0.48 × 10 ⁹ /μL	1.41 ± 1.06 × 10 ³ /μL	1.41 ± 1.06 × 10 ⁹ /μL
Eos#	0.17 ± 0.14 × 10 ³ /μL	0.17 ± 0.14 × 10 ⁹ /L	0.59 ± 0.48 × 10 ³ /μL	0.59 ± 0.48 × 10 ⁹ /μL	1.76 ± 1.41 × 10 ³ /μL	1.76 ± 1.41 × 10 ⁹ /μL
Bas#	0.84 ± 0.33 × 10 ³ /μL	0.84 ± 0.33 × 10 ⁹ /L	2.21 ± 0.79 × 10 ³ /μL	2.21 ± 0.79 × 10 ⁹ /μL	5.37 ± 1.77 × 10 ³ /μL	5.37 ± 1.77 × 10 ⁹ /μL
Neu%	51.0 ± 9.0 %	51.0 ± 9.0 %	57.0 ± 9.0 %	57.0 ± 9.0 %	63.0 ± 9.0 %	63.0 ± 9.0 %
Lym%	35.0 ± 9.0 %	35.0 ± 9.0 %	28.0 ± 8.0 %	28.0 ± 8.0 %	19.0 ± 7.0 %	19.0 ± 7.0 %
Mon%	9.0 ± 7.0 %	9.0 ± 7.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	8.0 ± 6.0 %	8.0 ± 6.0 %
Eos%	5.0 ± 4.0 %	5.0 ± 4.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	10.0 ± 8.0 %	10.0 ± 8.0 %
Bas%	25.6 ± 10.0 %	25.6 ± 10.0 %	28.0 ± 10.0 %	28.0 ± 10.0 %	30.5 ± 10.0 %	30.5 ± 10.0 %
RBC	1.96 ± 0.18 × 10 ⁶ /μL	1.96 ± 0.18 × 10 ¹² /L	4.24 ± 0.24 × 10 ⁶ /μL	4.24 ± 0.24 × 10 ¹² /L	4.95 ± 0.30 × 10 ⁶ /μL	4.95 ± 0.30 × 10 ¹² /L
HGB	5.1 ± 0.4 g/dL	51 ± 4 g/L	12.6 ± 0.6 g/dL	126 ± 6 g/L	15.5 ± 0.8 g/dL	155 ± 8 g/L
HCT	16.5 ± 1.5 %	16.5 ± 1.5 %	40.1 ± 2.0 %	40.1 ± 2.0 %	50.0 ± 2.4 %	50.0 ± 2.4 %
MCV	84.0 ± 5.0 fL	84.0 ± 5.0 fL	94.5 ± 5.0 fL	94.5 ± 5.0 fL	101.0 ± 5.0 fL	101.0 ± 5.0 fL
MCH	26.0 ± 2.5 pg	26.0 ± 2.5 pg	29.7 ± 2.5 pg	29.7 ± 2.5 pg	31.3 ± 2.5 pg	31.3 ± 2.5 pg
MCHC	31.0 ± 3.0 g/dL	310 ± 30 g/L	31.4 ± 3.0 g/dL	314 ± 30 g/L	31.0 ± 3.0 g/dL	310 ± 30 g/L
RDW-CV	15.0 ± 3.0 %	15.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	47.0 ± 8.0 fL	47.0 ± 8.0 fL	48.0 ± 8.0 fL	48.0 ± 8.0 fL	50.0 ± 8.0 fL	50.0 ± 8.0 fL
PLT	54 ± 20 × 10 ³ /μL	54 ± 20 × 10 ⁹ /L	254 ± 40 × 10 ³ /μL	254 ± 40 × 10 ⁹ /L	470 ± 60 × 10 ³ /μL	470 ± 60 × 10 ⁹ /L
MPV	12.1 ± 3.0 fL	12.1 ± 3.0 fL	12.6 ± 3.0 fL	12.6 ± 3.0 fL	10.8 ± 3.0 fL	10.8 ± 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