

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC2307B****2023-09-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC2307BL		Normal LOT BC2307BN		High LOT BC2307BH	
	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	7.75 ± 1.00 × 10 ³ /μL	7.75 ± 1.00 × 10 ⁹ /L	17.15 ± 2.50 × 10 ³ /μL	17.15 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.61 ± 0.28 × 10 ³ /μL	1.61 ± 0.28 × 10 ⁹ /L	4.50 ± 0.70 × 10 ³ /μL	4.50 ± 0.70 × 10 ⁹ /μL	11.40 ± 1.55 × 10 ³ /μL	11.40 ± 1.55 × 10 ⁹ /μL
Lym#	1.12 ± 0.28 × 10 ³ /μL	1.12 ± 0.28 × 10 ⁹ /L	2.09 ± 0.70 × 10 ³ /μL	2.09 ± 0.70 × 10 ⁹ /μL	3.09 ± 1.38 × 10 ³ /μL	3.09 ± 1.38 × 10 ⁹ /μL
Mon#	0.20 ± 0.16 × 10 ³ /μL	0.20 ± 0.16 × 10 ⁹ /L	0.54 ± 0.39 × 10 ³ /μL	0.54 ± 0.39 × 10 ⁹ /μL	1.03 ± 0.86 × 10 ³ /μL	1.03 ± 0.86 × 10 ⁹ /μL
Eos#	0.17 ± 0.13 × 10 ³ /μL	0.17 ± 0.13 × 10 ⁹ /L	0.62 ± 0.47 × 10 ³ /μL	0.62 ± 0.47 × 10 ⁹ /μL	1.63 ± 1.38 × 10 ³ /μL	1.63 ± 1.38 × 10 ⁹ /μL
Bas#	0.73 ± 0.31 × 10 ³ /μL	0.73 ± 0.31 × 10 ⁹ /L	2.13 ± 0.78 × 10 ³ /μL	2.13 ± 0.78 × 10 ⁹ /μL	5.23 ± 1.72 × 10 ³ /μL	5.23 ± 1.72 × 10 ⁹ /μL
Neu%	52.0 ± 9.0 %	52.0 ± 9.0 %	58.0 ± 9.0 %	58.0 ± 9.0 %	66.5 ± 9.0 %	66.5 ± 9.0 %
Lym%	36.0 ± 9.0 %	36.0 ± 9.0 %	27.0 ± 9.0 %	27.0 ± 9.0 %	18.0 ± 8.0 %	18.0 ± 8.0 %
Mon%	6.5 ± 5.0 %	6.5 ± 5.0 %	7.0 ± 5.0 %	7.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %
Eos%	5.5 ± 4.0 %	5.5 ± 4.0 %	8.0 ± 6.0 %	8.0 ± 6.0 %	9.5 ± 8.0 %	9.5 ± 8.0 %
Bas%	23.5 ± 10.0 %	23.5 ± 10.0 %	27.5 ± 10.0 %	27.5 ± 10.0 %	30.5 ± 10.0 %	30.5 ± 10.0 %
RBC	2.13 ± 0.18 × 10 ⁶ /μL	2.13 ± 0.18 × 10 ¹² /L	3.98 ± 0.24 × 10 ⁶ /μL	3.98 ± 0.24 × 10 ¹² /L	4.78 ± 0.30 × 10 ⁶ /μL	4.78 ± 0.30 × 10 ¹² /L
HGB	5.4 ± 0.4 g/dL	54 ± 4 g/L	11.7 ± 0.6 g/dL	117 ± 6 g/L	15.2 ± 0.8 g/dL	152 ± 8 g/L
HCT	17.3 ± 1.5 %	17.3 ± 1.5 %	37.0 ± 2.0 %	37.0 ± 2.0 %	48.8 ± 2.4 %	48.8 ± 2.4 %
MCV	81.0 ± 5.0 fL	81.0 ± 5.0 fL	93.0 ± 5.0 fL	93.0 ± 5.0 fL	102.0 ± 5.0 fL	102.0 ± 5.0 fL
MCH	25.4 ± 2.5 pg	25.4 ± 2.5 pg	29.4 ± 2.5 pg	29.4 ± 2.5 pg	31.8 ± 2.5 pg	31.8 ± 2.5 pg
MCHC	31.3 ± 3.0 g/dL	313 ± 30 g/L	31.6 ± 3.0 g/dL	316 ± 30 g/L	31.2 ± 3.0 g/dL	312 ± 30 g/L
RDW-CV	16.0 ± 3.0 %	16.0 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %	12.5 ± 3.0 %	12.5 ± 3.0 %
RDW-SD	49.0 ± 8.0 fL	49.0 ± 8.0 fL	48.0 ± 8.0 fL	48.0 ± 8.0 fL	49.0 ± 8.0 fL	49.0 ± 8.0 fL
PLT	48 ± 20 × 10 ³ /μL	48 ± 20 × 10 ⁹ /L	248 ± 40 × 10 ³ /μL	248 ± 40 × 10 ⁹ /L	496 ± 60 × 10 ³ /μL	496 ± 60 × 10 ⁹ /L
MPV	10.1 ± 3.0 fL	10.1 ± 3.0 fL	10.8 ± 3.0 fL	10.8 ± 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