


BC-5D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT BC1809B
 **2018-11-10**

Instrument Parameter	Low LOT BC1809BL		Normal LOT BC1809BN		High LOT BC1809BH	
	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	7.85 ± 1.00 × 10 ³ /μL	7.85 ± 1.00 × 10 ⁹ /L	16.85 ± 2.50 × 10 ³ /μL	16.85 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.70 ± 0.30 × 10 ³ /μL	1.70 ± 0.30 × 10 ⁹ /L	4.44 ± 0.63 × 10 ³ /μL	4.44 ± 0.63 × 10 ⁹ /μL	11.21 ± 1.52 × 10 ³ /μL	11.21 ± 1.52 × 10 ⁹ /μL
Lym#	1.20 ± 0.30 × 10 ³ /μL	1.20 ± 0.30 × 10 ⁹ /L	2.32 ± 0.63 × 10 ³ /μL	2.32 ± 0.63 × 10 ⁹ /μL	3.12 ± 1.19 × 10 ³ /μL	3.12 ± 1.19 × 10 ⁹ /μL
Mon#	0.20 ± 0.17 × 10 ³ /μL	0.20 ± 0.17 × 10 ⁹ /L	0.51 ± 0.40 × 10 ³ /μL	0.51 ± 0.40 × 10 ⁹ /μL	1.01 ± 0.85 × 10 ³ /μL	1.01 ± 0.85 × 10 ⁹ /μL
Eos#	0.19 ± 0.14 × 10 ³ /μL	0.19 ± 0.14 × 10 ⁹ /L	0.59 ± 0.48 × 10 ³ /μL	0.59 ± 0.48 × 10 ⁹ /μL	1.52 ± 1.19 × 10 ³ /μL	1.52 ± 1.19 × 10 ⁹ /μL
Bas#	0.78 ± 0.34 × 10 ³ /μL	0.78 ± 0.34 × 10 ⁹ /L	2.20 ± 0.79 × 10 ³ /μL	2.20 ± 0.79 × 10 ⁹ /μL	5.17 ± 1.69 × 10 ³ /μL	5.17 ± 1.69 × 10 ⁹ /μL
Neu%	51.5 ± 9.0 %	51.5 ± 9.0 %	56.5 ± 8.0 %	56.5 ± 8.0 %	66.5 ± 9.0 %	66.5 ± 9.0 %
Lym%	36.5 ± 9.0 %	36.5 ± 9.0 %	29.5 ± 8.0 %	29.5 ± 8.0 %	18.5 ± 7.0 %	18.5 ± 7.0 %
Mon%	6.2 ± 5.0 %	6.2 ± 5.0 %	6.5 ± 5.0 %	6.5 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %
Eos%	5.8 ± 4.0 %	5.8 ± 4.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	9.0 ± 7.0 %	9.0 ± 7.0 %
Bas%	23.6 ± 10.0 %	23.6 ± 10.0 %	28.0 ± 10.0 %	28.0 ± 10.0 %	30.7 ± 10.0 %	30.7 ± 10.0 %
RBC	1.89 ± 0.18 × 10 ⁶ /μL	1.89 ± 0.18 × 10 ¹² /L	4.06 ± 0.24 × 10 ⁶ /μL	4.06 ± 0.24 × 10 ¹² /L	4.90 ± 0.30 × 10 ⁶ /μL	4.90 ± 0.30 × 10 ¹² /L
HGB	5.3 ± 0.4 g/dL	53 ± 4 g/L	12.4 ± 0.6 g/dL	124 ± 6 g/L	16.1 ± 0.8 g/dL	161 ± 8 g/L
HCT	16.5 ± 1.5 %	16.5 ± 1.5 %	38.4 ± 2.0 %	38.4 ± 2.0 %	50.7 ± 2.4 %	50.7 ± 2.4 %
MCV	87.5 ± 5.0 fL	87.5 ± 5.0 fL	94.5 ± 5.0 fL	94.5 ± 5.0 fL	103.5 ± 5.0 fL	103.5 ± 5.0 fL
MCH	28.0 ± 2.5 pg	28.0 ± 2.5 pg	30.5 ± 2.5 pg	30.5 ± 2.5 pg	32.9 ± 2.5 pg	32.9 ± 2.5 pg
MCHC	32.0 ± 3.0 g/dL	320 ± 30 g/L	32.3 ± 3.0 g/dL	323 ± 30 g/L	31.7 ± 3.0 g/dL	317 ± 30 g/L
RDW-CV	13.5 ± 3.0 %	13.5 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	45.0 ± 8.0 fL	45.0 ± 8.0 fL	47.0 ± 8.0 fL	47.0 ± 8.0 fL	49.0 ± 8.0 fL	49.0 ± 8.0 fL
PLT	56 ± 25 × 10 ³ /μL	56 ± 25 × 10 ⁹ /L	237 ± 50 × 10 ³ /μL	237 ± 50 × 10 ⁹ /L	492 ± 70 × 10 ³ /μL	492 ± 70 × 10 ⁹ /L
MPV	12.7 ± 3.0 fL	12.7 ± 3.0 fL	10.9 ± 3.0 fL	10.9 ± 3.0 fL	11.5 ± 3.0 fL	11.5 ± 3.0 fL

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

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