


BC-5D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT BC1807B
 **2018-09-10**

Instrument Parameter	BC1807BL		BC1807BN		BC1807BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	3.25 ± 0.50 × 10 ³ /μL	3.25 ± 0.50 × 10 ⁹ /L	8.00 ± 1.00 × 10 ³ /μL	8.00 ± 1.00 × 10 ⁹ /L	16.95 ± 2.50 × 10 ³ /μL	16.95 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.69 ± 0.30 × 10 ³ /μL	1.69 ± 0.30 × 10 ⁹ /L	4.68 ± 0.64 × 10 ³ /μL	4.68 ± 0.64 × 10 ⁹ /μL	11.02 ± 1.53 × 10 ³ /μL	11.02 ± 1.53 × 10 ⁹ /μL
Lym#	1.19 ± 0.30 × 10 ³ /μL	1.19 ± 0.30 × 10 ⁹ /L	2.24 ± 0.64 × 10 ³ /μL	2.24 ± 0.64 × 10 ⁹ /μL	3.22 ± 1.19 × 10 ³ /μL	3.22 ± 1.19 × 10 ⁹ /μL
Mon#	0.20 ± 0.17 × 10 ³ /μL	0.20 ± 0.17 × 10 ⁹ /L	0.48 ± 0.40 × 10 ³ /μL	0.48 ± 0.40 × 10 ⁹ /μL	1.10 ± 0.85 × 10 ³ /μL	1.10 ± 0.85 × 10 ⁹ /μL
Eos#	0.18 ± 0.14 × 10 ³ /μL	0.18 ± 0.14 × 10 ⁹ /L	0.60 ± 0.48 × 10 ³ /μL	0.60 ± 0.48 × 10 ⁹ /μL	1.61 ± 1.36 × 10 ³ /μL	1.61 ± 1.36 × 10 ⁹ /μL
Bas#	0.80 ± 0.33 × 10 ³ /μL	0.80 ± 0.33 × 10 ⁹ /L	2.17 ± 0.81 × 10 ³ /μL	2.17 ± 0.81 × 10 ⁹ /μL	5.19 ± 1.70 × 10 ³ /μL	5.19 ± 1.70 × 10 ⁹ /μL
Neu%	52.0 ± 9.0 %	52.0 ± 9.0 %	58.5 ± 8.0 %	58.5 ± 8.0 %	65.0 ± 9.0 %	65.0 ± 9.0 %
Lym%	36.5 ± 9.0 %	36.5 ± 9.0 %	28.0 ± 8.0 %	28.0 ± 8.0 %	19.0 ± 7.0 %	19.0 ± 7.0 %
Mon%	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	6.5 ± 5.0 %	6.5 ± 5.0 %
Eos%	5.5 ± 4.0 %	5.5 ± 4.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	9.5 ± 8.0 %	9.5 ± 8.0 %
Bas%	24.5 ± 10.0 %	24.5 ± 10.0 %	27.1 ± 10.0 %	27.1 ± 10.0 %	30.6 ± 10.0 %	30.6 ± 10.0 %
RBC	1.98 ± 0.18 × 10 ⁶ /μL	1.98 ± 0.18 × 10 ¹² /L	4.06 ± 0.24 × 10 ⁶ /μL	4.06 ± 0.24 × 10 ¹² /L	4.91 ± 0.30 × 10 ⁶ /μL	4.91 ± 0.30 × 10 ¹² /L
HGB	5.5 ± 0.4 g/dL	55 ± 4 g/L	12.2 ± 0.6 g/dL	122 ± 6 g/L	15.5 ± 0.8 g/dL	155 ± 8 g/L
HCT	17.2 ± 1.5 %	17.2 ± 1.5 %	38.0 ± 2.0 %	38.0 ± 2.0 %	49.1 ± 2.4 %	49.1 ± 2.4 %
MCV	87.0 ± 5.0 fL	87.0 ± 5.0 fL	93.5 ± 5.0 fL	93.5 ± 5.0 fL	100.0 ± 5.0 fL	100.0 ± 5.0 fL
MCH	27.8 ± 2.5 pg	27.8 ± 2.5 pg	30.0 ± 2.5 pg	30.0 ± 2.5 pg	31.6 ± 2.5 pg	31.6 ± 2.5 pg
MCHC	31.9 ± 3.0 g/dL	319 ± 30 g/L	32.1 ± 3.0 g/dL	321 ± 30 g/L	31.6 ± 3.0 g/dL	316 ± 30 g/L
RDW-CV	13.5 ± 3.0 %	13.5 ± 3.0 %	14.2 ± 3.0 %	14.2 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	45.5 ± 8.0 fL	45.5 ± 8.0 fL	48.0 ± 8.0 fL	48.0 ± 8.0 fL	49.0 ± 8.0 fL	49.0 ± 8.0 fL
PLT	50 ± 20 × 10 ³ /μL	50 ± 20 × 10 ⁹ /L	242 ± 40 × 10 ³ /μL	242 ± 40 × 10 ⁹ /L	486 ± 60 × 10 ³ /μL	486 ± 60 × 10 ⁹ /L
MPV	12.2 ± 3.0 fL	12.2 ± 3.0 fL	11.7 ± 3.0 fL	11.7 ± 3.0 fL	11.6 ± 3.0 fL	11.6 ± 3.0 fL

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

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