

BC-5D

HEMATOLOGY CONTROLS

CONTROL


LOT BC1801B
2018-03-10

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low BC1801BL		Normal BC1801BN		High BC1801BH	
	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	17.15 ± 2.50 × 10 ³ /μL	17.15 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.55 ± 0.30 × 10 ³ /μL	1.55 ± 0.30 × 10 ⁹ /L	4.33 ± 0.65 × 10 ³ /μL	4.33 ± 0.65 × 10 ⁹ /μL	11.34 ± 1.55 × 10 ³ /μL	11.34 ± 1.55 × 10 ⁹ /μL
Lym#	1.19 ± 0.30 × 10 ³ /μL	1.19 ± 0.30 × 10 ⁹ /L	2.13 ± 0.65 × 10 ³ /μL	2.13 ± 0.65 × 10 ⁹ /μL	3.10 ± 1.20 × 10 ³ /μL	3.10 ± 1.20 × 10 ⁹ /μL
Mon#	0.19 ± 0.16 × 10 ³ /μL	0.19 ± 0.16 × 10 ⁹ /L	0.57 ± 0.46 × 10 ³ /μL	0.57 ± 0.46 × 10 ⁹ /μL	1.05 ± 0.90 × 10 ³ /μL	1.05 ± 0.90 × 10 ⁹ /μL
Eos#	0.17 ± 0.16 × 10 ³ /μL	0.17 ± 0.16 × 10 ⁹ /L	0.57 ± 0.46 × 10 ³ /μL	0.57 ± 0.46 × 10 ⁹ /μL	1.66 ± 1.37 × 10 ³ /μL	1.66 ± 1.37 × 10 ⁹ /μL
Bas#	0.76 ± 0.35 × 10 ³ /μL	0.76 ± 0.35 × 10 ⁹ /L	2.09 ± 0.80 × 10 ³ /μL	2.09 ± 0.80 × 10 ⁹ /μL	5.35 ± 1.75 × 10 ³ /μL	5.35 ± 1.75 × 10 ⁹ /μL
Neu%	50.0 ± 9.0 %	50.0 ± 9.0 %	57.0 ± 8.0 %	57.0 ± 8.0 %	66.1 ± 9.0 %	66.1 ± 9.0 %
Lym%	38.5 ± 9.0 %	38.5 ± 9.0 %	28.0 ± 8.0 %	28.0 ± 8.0 %	18.1 ± 7.0 %	18.1 ± 7.0 %
Mon%	6.0 ± 5.0 %	6.0 ± 5.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	6.1 ± 5.0 %	6.1 ± 5.0 %
Eos%	5.5 ± 5.0 %	5.5 ± 5.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	9.7 ± 8.0 %	9.7 ± 8.0 %
Bas%	24.6 ± 10.0 %	24.6 ± 10.0 %	27.5 ± 10.0 %	27.5 ± 10.0 %	31.2 ± 10.0 %	31.2 ± 10.0 %
RBC	2.03 ± 0.18 × 10 ⁶ /μL	2.03 ± 0.18 × 10 ¹² /L	4.18 ± 0.24 × 10 ⁶ /μL	4.18 ± 0.24 × 10 ¹² /L	5.18 ± 0.30 × 10 ⁶ /μL	5.18 ± 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	16.3 ± 0.8 g/dL	163 ± 8 g/L
HCT	16.4 ± 1.5 %	16.4 ± 1.5 %	38.2 ± 2.0 %	38.2 ± 2.0 %	51.0 ± 2.4 %	51.0 ± 2.4 %
MCV	81.0 ± 5.0 fL	81.0 ± 5.0 fL	91.5 ± 5.0 fL	91.5 ± 5.0 fL	98.5 ± 5.0 fL	98.5 ± 5.0 fL
MCH	26.1 ± 2.5 pg	26.1 ± 2.5 pg	29.7 ± 2.5 pg	29.7 ± 2.5 pg	31.5 ± 2.5 pg	31.5 ± 2.5 pg
MCHC	32.2 ± 3.0 g/dL	322 ± 30 g/L	32.4 ± 3.0 g/dL	324 ± 30 g/L	31.9 ± 3.0 g/dL	319 ± 30 g/L
RDW-CV	14.0 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	45.0 ± 10.0 fL	45.0 ± 10.0 fL	46.5 ± 10.0 fL	46.5 ± 10.0 fL	48.0 ± 10.0 fL	48.0 ± 10.0 fL
PLT	55 ± 20 × 10 ³ /μL	55 ± 20 × 10 ⁹ /L	237 ± 40 × 10 ³ /μL	237 ± 40 × 10 ⁹ /L	480 ± 60 × 10 ³ /μL	480 ± 60 × 10 ⁹ /L
MPV	10.1 ± 3.0 fL	10.1 ± 3.0 fL	10.2 ± 3.0 fL	10.2 ± 3.0 fL	11.7 ± 3.0 fL	11.7 ± 3.0 fL

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

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