

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC1907B****2019-09-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC1907BL		Normal LOT BC1907BN		High LOT BC1907BH	
	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	7.70 ± 1.00 × 10 ³ /μL	7.70 ± 1.00 × 10 ⁹ /L	16.60 ± 2.50 × 10 ³ /μL	16.60 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.69 ± 0.30 × 10 ³ /μL	1.69 ± 0.30 × 10 ⁹ /L	4.47 ± 0.62 × 10 ³ /μL	4.47 ± 0.62 × 10 ⁹ /μL	11.21 ± 1.50 × 10 ³ /μL	11.21 ± 1.50 × 10 ⁹ /μL
Lym#	1.20 ± 0.30 × 10 ³ /μL	1.20 ± 0.30 × 10 ⁹ /L	2.08 ± 0.62 × 10 ³ /μL	2.08 ± 0.62 × 10 ⁹ /μL	2.99 ± 1.17 × 10 ³ /μL	2.99 ± 1.17 × 10 ⁹ /μL
Mon#	0.20 ± 0.17 × 10 ³ /μL	0.20 ± 0.17 × 10 ⁹ /L	0.58 ± 0.47 × 10 ³ /μL	0.58 ± 0.47 × 10 ⁹ /μL	0.91 ± 0.83 × 10 ³ /μL	0.91 ± 0.83 × 10 ⁹ /μL
Eos#	0.16 ± 0.13 × 10 ³ /μL	0.16 ± 0.13 × 10 ⁹ /L	0.58 ± 0.47 × 10 ³ /μL	0.58 ± 0.47 × 10 ⁹ /μL	1.49 ± 1.16 × 10 ³ /μL	1.49 ± 1.16 × 10 ⁹ /μL
Bas#	0.79 ± 0.33 × 10 ³ /μL	0.79 ± 0.33 × 10 ⁹ /L	2.15 ± 0.78 × 10 ³ /μL	2.15 ± 0.78 × 10 ⁹ /μL	5.11 ± 1.66 × 10 ³ /μL	5.11 ± 1.66 × 10 ⁹ /μL
Neu%	52.0 ± 9.0 %	52.0 ± 9.0 %	58.0 ± 8.0 %	58.0 ± 8.0 %	67.5 ± 9.0 %	67.5 ± 9.0 %
Lym%	37.0 ± 9.0 %	37.0 ± 9.0 %	27.0 ± 8.0 %	27.0 ± 8.0 %	18.0 ± 7.0 %	18.0 ± 7.0 %
Mon%	6.0 ± 5.0 %	6.0 ± 5.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	5.5 ± 5.0 %	5.5 ± 5.0 %
Eos%	5.0 ± 4.0 %	5.0 ± 4.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	9.0 ± 7.0 %	9.0 ± 7.0 %
Bas%	24.3 ± 10.0 %	24.3 ± 10.0 %	27.9 ± 10.0 %	27.9 ± 10.0 %	30.8 ± 10.0 %	30.8 ± 10.0 %
RBC	1.92 ± 0.18 × 10 ⁶ /μL	1.92 ± 0.18 × 10 ¹² /L	3.93 ± 0.24 × 10 ⁶ /μL	3.93 ± 0.24 × 10 ¹² /L	4.80 ± 0.30 × 10 ⁶ /μL	4.80 ± 0.30 × 10 ¹² /L
HGB	5.3 ± 0.4 g/dL	53 ± 4 g/L	12.2 ± 0.6 g/dL	122 ± 6 g/L	15.5 ± 0.8 g/dL	155 ± 8 g/L
HCT	17.0 ± 1.5 %	17.0 ± 1.5 %	38.5 ± 2.0 %	38.5 ± 2.0 %	49.7 ± 2.4 %	49.7 ± 2.4 %
MCV	88.5 ± 5.0 fL	88.5 ± 5.0 fL	98.0 ± 5.0 fL	98.0 ± 5.0 fL	103.5 ± 5.0 fL	103.5 ± 5.0 fL
MCH	27.6 ± 2.5 pg	27.6 ± 2.5 pg	31.0 ± 2.5 pg	31.0 ± 2.5 pg	32.3 ± 2.5 pg	32.3 ± 2.5 pg
MCHC	31.2 ± 3.0 g/dL	312 ± 30 g/L	31.7 ± 3.0 g/dL	317 ± 30 g/L	31.2 ± 3.0 g/dL	312 ± 30 g/L
RDW-CV	14.0 ± 3.0 %	14.0 ± 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	52 ± 20 × 10 ³ /μL	52 ± 20 × 10 ⁹ /L	252 ± 40 × 10 ³ /μL	252 ± 40 × 10 ⁹ /L	491 ± 60 × 10 ³ /μL	491 ± 60 × 10 ⁹ /L
MPV	11.7 ± 3.0 fL	11.7 ± 3.0 fL	11.0 ± 3.0 fL	11.0 ± 3.0 fL	12.7 ± 3.0 fL	12.7 ± 3.0 fL

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

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