

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC2301B****2023-03-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC2301BL		Normal LOT BC2301BN		High LOT BC2301BH	
	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	7.80 ± 1.00 × 10 ³ /μL	7.80 ± 1.00 × 10 ⁹ /L	17.00 ± 2.50 × 10 ³ /μL	17.00 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.69 ± 0.30 × 10 ³ /μL	1.69 ± 0.30 × 10 ⁹ /L	4.60 ± 0.71 × 10 ³ /μL	4.60 ± 0.71 × 10 ⁹ /μL	11.05 ± 1.53 × 10 ³ /μL	11.05 ± 1.53 × 10 ⁹ /μL
Lym#	1.25 ± 0.30 × 10 ³ /μL	1.25 ± 0.30 × 10 ⁹ /L	2.03 ± 0.71 × 10 ³ /μL	2.03 ± 0.71 × 10 ⁹ /μL	3.23 ± 1.36 × 10 ³ /μL	3.23 ± 1.36 × 10 ⁹ /μL
Mon#	0.13 ± 0.13 × 10 ³ /μL	0.13 ± 0.13 × 10 ⁹ /L	0.55 ± 0.48 × 10 ³ /μL	0.55 ± 0.48 × 10 ⁹ /μL	1.02 ± 0.85 × 10 ³ /μL	1.02 ± 0.85 × 10 ⁹ /μL
Eos#	0.18 ± 0.14 × 10 ³ /μL	0.18 ± 0.14 × 10 ⁹ /L	0.62 ± 0.47 × 10 ³ /μL	0.62 ± 0.47 × 10 ⁹ /μL	1.70 ± 1.36 × 10 ³ /μL	1.70 ± 1.36 × 10 ⁹ /μL
Bas#	0.81 ± 0.33 × 10 ³ /μL	0.81 ± 0.33 × 10 ⁹ /L	2.18 ± 0.78 × 10 ³ /μL	2.18 ± 0.78 × 10 ⁹ /μL	5.27 ± 1.70 × 10 ³ /μL	5.27 ± 1.70 × 10 ⁹ /μL
Neu%	52.0 ± 9.0 %	52.0 ± 9.0 %	59.0 ± 9.0 %	59.0 ± 9.0 %	65.0 ± 9.0 %	65.0 ± 9.0 %
Lym%	38.5 ± 9.0 %	38.5 ± 9.0 %	26.0 ± 9.0 %	26.0 ± 9.0 %	19.0 ± 8.0 %	19.0 ± 8.0 %
Mon%	4.0 ± 4.0 %	4.0 ± 4.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %	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 %	10.0 ± 8.0 %	10.0 ± 8.0 %
Bas%	25.0 ± 10.0 %	25.0 ± 10.0 %	28.0 ± 10.0 %	28.0 ± 10.0 %	31.0 ± 10.0 %	31.0 ± 10.0 %
RBC	2.15 ± 0.18 × 10 ⁶ /μL	2.15 ± 0.18 × 10 ¹² /L	4.17 ± 0.24 × 10 ⁶ /μL	4.17 ± 0.24 × 10 ¹² /L	5.00 ± 0.30 × 10 ⁶ /μL	5.00 ± 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	15.8 ± 0.8 g/dL	158 ± 8 g/L
HCT	17.4 ± 1.5 %	17.4 ± 1.5 %	38.8 ± 2.0 %	38.8 ± 2.0 %	50.8 ± 2.4 %	50.8 ± 2.4 %
MCV	81.0 ± 5.0 fL	81.0 ± 5.0 fL	93.0 ± 5.0 fL	93.0 ± 5.0 fL	101.5 ± 5.0 fL	101.5 ± 5.0 fL
MCH	25.6 ± 2.5 pg	25.6 ± 2.5 pg	29.3 ± 2.5 pg	29.3 ± 2.5 pg	31.6 ± 2.5 pg	31.6 ± 2.5 pg
MCHC	31.6 ± 3.0 g/dL	316 ± 30 g/L	31.5 ± 3.0 g/dL	315 ± 30 g/L	31.1 ± 3.0 g/dL	311 ± 30 g/L
RDW-CV	15.0 ± 3.0 %	15.0 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	48.0 ± 8.0 fL	48.0 ± 8.0 fL	48.5 ± 8.0 fL	48.5 ± 8.0 fL	50.0 ± 8.0 fL	50.0 ± 8.0 fL
PLT	48 ± 20 × 10 ³ /μL	48 ± 20 × 10 ⁹ /L	240 ± 40 × 10 ³ /μL	240 ± 40 × 10 ⁹ /L	494 ± 60 × 10 ³ /μL	494 ± 60 × 10 ⁹ /L
MPV	12.5 ± 3.0 fL	12.5 ± 3.0 fL	12.1 ± 3.0 fL	12.1 ± 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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