

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC2001B****2020-03-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC2001BL		Normal LOT BC2001BN		High LOT BC2001BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	3.35 ± 0.50 × 10 ³ /μL	3.35 ± 0.50 × 10 ⁹ /L	7.90 ± 1.00 × 10 ³ /μL	7.90 ± 1.00 × 10 ⁹ /L	17.25 ± 2.50 × 10 ³ /μL	17.25 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.73 ± 0.31 × 10 ³ /μL	1.73 ± 0.31 × 10 ⁹ /L	4.58 ± 0.64 × 10 ³ /μL	4.58 ± 0.64 × 10 ⁹ /μL	11.13 ± 1.56 × 10 ³ /μL	11.13 ± 1.56 × 10 ⁹ /μL
Lym#	1.26 ± 0.31 × 10 ³ /μL	1.26 ± 0.31 × 10 ⁹ /L	2.25 ± 0.64 × 10 ³ /μL	2.25 ± 0.64 × 10 ⁹ /μL	3.19 ± 1.21 × 10 ³ /μL	3.19 ± 1.21 × 10 ⁹ /μL
Mon#	0.20 ± 0.17 × 10 ³ /μL	0.20 ± 0.17 × 10 ⁹ /L	0.47 ± 0.40 × 10 ³ /μL	0.47 ± 0.40 × 10 ⁹ /μL	1.21 ± 1.04 × 10 ³ /μL	1.21 ± 1.04 × 10 ⁹ /μL
Eos#	0.17 ± 0.14 × 10 ³ /μL	0.17 ± 0.14 × 10 ⁹ /L	0.59 ± 0.48 × 10 ³ /μL	0.59 ± 0.48 × 10 ⁹ /μL	1.73 ± 1.39 × 10 ³ /μL	1.73 ± 1.39 × 10 ⁹ /μL
Bas#	0.88 ± 0.34 × 10 ³ /μL	0.88 ± 0.34 × 10 ⁹ /L	2.23 ± 0.80 × 10 ³ /μL	2.23 ± 0.80 × 10 ⁹ /μL	5.26 ± 1.73 × 10 ³ /μL	5.26 ± 1.73 × 10 ⁹ /μL
Neu%	51.5 ± 9.0 %	51.5 ± 9.0 %	58.0 ± 8.0 %	58.0 ± 8.0 %	64.5 ± 9.0 %	64.5 ± 9.0 %
Lym%	37.5 ± 9.0 %	37.5 ± 9.0 %	28.5 ± 8.0 %	28.5 ± 8.0 %	18.5 ± 7.0 %	18.5 ± 7.0 %
Mon%	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %
Eos%	5.0 ± 4.0 %	5.0 ± 4.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	10.0 ± 8.0 %	10.0 ± 8.0 %
Bas%	26.2 ± 10.0 %	26.2 ± 10.0 %	28.2 ± 10.0 %	28.2 ± 10.0 %	30.5 ± 10.0 %	30.5 ± 10.0 %
RBC	2.03 ± 0.18 × 10 ⁶ /μL	2.03 ± 0.18 × 10 ¹² /L	4.28 ± 0.24 × 10 ⁶ /μL	4.28 ± 0.24 × 10 ¹² /L	5.15 ± 0.30 × 10 ⁶ /μL	5.15 ± 0.30 × 10 ¹² /L
HGB	5.3 ± 0.4 g/dL	53 ± 4 g/L	12.8 ± 0.6 g/dL	128 ± 6 g/L	16.1 ± 0.8 g/dL	161 ± 8 g/L
HCT	17.2 ± 1.5 %	17.2 ± 1.5 %	40.2 ± 2.0 %	40.2 ± 2.0 %	51.2 ± 2.4 %	51.2 ± 2.4 %
MCV	84.5 ± 5.0 fL	84.5 ± 5.0 fL	94.0 ± 5.0 fL	94.0 ± 5.0 fL	99.5 ± 5.0 fL	99.5 ± 5.0 fL
MCH	26.1 ± 2.5 pg	26.1 ± 2.5 pg	29.9 ± 2.5 pg	29.9 ± 2.5 pg	31.3 ± 2.5 pg	31.3 ± 2.5 pg
MCHC	30.9 ± 3.0 g/dL	309 ± 30 g/L	31.8 ± 3.0 g/dL	318 ± 30 g/L	31.4 ± 3.0 g/dL	314 ± 30 g/L
RDW-CV	15.0 ± 3.0 %	15.0 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %
RDW-SD	48.0 ± 8.0 fL	48.0 ± 8.0 fL	50.0 ± 8.0 fL	50.0 ± 8.0 fL	52.0 ± 8.0 fL	52.0 ± 8.0 fL
PLT	50 ± 20 × 10 ³ /μL	50 ± 20 × 10 ⁹ /L	244 ± 40 × 10 ³ /μL	244 ± 40 × 10 ⁹ /L	470 ± 60 × 10 ³ /μL	470 ± 60 × 10 ⁹ /L
MPV	12.4 ± 3.0 fL	12.4 ± 3.0 fL	10.9 ± 3.0 fL	10.9 ± 3.0 fL	10.4 ± 3.0 fL	10.4 ± 3.0 fL

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

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