

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC2105B****2021-07-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC2105BL		Normal LOT BC2105BN		High LOT BC2105BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	3.30 ± 0.50 × 10 ³ /μL	3.30 ± 0.50 × 10 ⁹ /L	7.50 ± 1.00 × 10 ³ /μL	7.50 ± 1.00 × 10 ⁹ /L	17.30 ± 2.50 × 10 ³ /μL	17.30 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.73 ± 0.30 × 10 ³ /μL	1.73 ± 0.30 × 10 ⁹ /L	4.24 ± 0.68 × 10 ³ /μL	4.24 ± 0.68 × 10 ⁹ /μL	11.07 ± 1.56 × 10 ³ /μL	11.07 ± 1.56 × 10 ⁹ /μL
Lym#	1.17 ± 0.30 × 10 ³ /μL	1.17 ± 0.30 × 10 ⁹ /L	2.14 ± 0.68 × 10 ³ /μL	2.14 ± 0.68 × 10 ⁹ /μL	3.11 ± 1.21 × 10 ³ /μL	3.11 ± 1.21 × 10 ⁹ /μL
Mon#	0.21 ± 0.18 × 10 ³ /μL	0.21 ± 0.18 × 10 ⁹ /L	0.41 ± 0.34 × 10 ³ /μL	0.41 ± 0.34 × 10 ⁹ /μL	1.12 ± 0.95 × 10 ³ /μL	1.12 ± 0.95 × 10 ⁹ /μL
Eos#	0.18 ± 0.15 × 10 ³ /μL	0.18 ± 0.15 × 10 ⁹ /L	0.71 ± 0.53 × 10 ³ /μL	0.71 ± 0.53 × 10 ⁹ /μL	1.99 ± 1.56 × 10 ³ /μL	1.99 ± 1.56 × 10 ⁹ /μL
Bas#	0.81 ± 0.34 × 10 ³ /μL	0.81 ± 0.34 × 10 ⁹ /L	2.03 ± 0.75 × 10 ³ /μL	2.03 ± 0.75 × 10 ⁹ /μL	5.29 ± 1.73 × 10 ³ /μL	5.29 ± 1.73 × 10 ⁹ /μL
Neu%	52.5 ± 9.0 %	52.5 ± 9.0 %	56.5 ± 9.0 %	56.5 ± 9.0 %	64.0 ± 9.0 %	64.0 ± 9.0 %
Lym%	35.5 ± 9.0 %	35.5 ± 9.0 %	28.5 ± 9.0 %	28.5 ± 9.0 %	18.0 ± 7.0 %	18.0 ± 7.0 %
Mon%	6.5 ± 5.5 %	6.5 ± 5.5 %	5.5 ± 4.5 %	5.5 ± 4.5 %	6.5 ± 5.5 %	6.5 ± 5.5 %
Eos%	5.5 ± 4.5 %	5.5 ± 4.5 %	9.5 ± 7.0 %	9.5 ± 7.0 %	11.5 ± 9.0 %	11.5 ± 9.0 %
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	1.82 ± 0.18 × 10 ⁶ /μL	1.82 ± 0.18 × 10 ¹² /L	4.05 ± 0.24 × 10 ⁶ /μL	4.05 ± 0.24 × 10 ¹² /L	4.96 ± 0.30 × 10 ⁶ /μL	4.96 ± 0.30 × 10 ¹² /L
HGB	5.2 ± 0.4 g/dL	52 ± 4 g/L	12.2 ± 0.6 g/dL	122 ± 6 g/L	15.6 ± 0.8 g/dL	156 ± 8 g/L
HCT	16.7 ± 1.5 %	16.7 ± 1.5 %	38.3 ± 2.0 %	38.3 ± 2.0 %	49.6 ± 2.4 %	49.6 ± 2.4 %
MCV	91.5 ± 5.0 fL	91.5 ± 5.0 fL	94.5 ± 5.0 fL	94.5 ± 5.0 fL	100.0 ± 5.0 fL	100.0 ± 5.0 fL
MCH	28.6 ± 2.5 pg	28.6 ± 2.5 pg	30.1 ± 2.5 pg	30.1 ± 2.5 pg	31.5 ± 2.5 pg	31.5 ± 2.5 pg
MCHC	31.2 ± 3.0 g/dL	312 ± 30 g/L	31.9 ± 3.0 g/dL	319 ± 30 g/L	31.5 ± 3.0 g/dL	315 ± 30 g/L
RDW-CV	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	44.5 ± 8.0 fL	44.5 ± 8.0 fL	47.5 ± 8.0 fL	47.5 ± 8.0 fL	48.0 ± 8.0 fL	48.0 ± 8.0 fL
PLT	51 ± 20 × 10 ³ /μL	51 ± 20 × 10 ⁹ /L	234 ± 40 × 10 ³ /μL	234 ± 40 × 10 ⁹ /L	478 ± 60 × 10 ³ /μL	478 ± 60 × 10 ⁹ /L
MPV	12.9 ± 3.0 fL	12.9 ± 3.0 fL	11.3 ± 3.0 fL	11.3 ± 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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