

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC2111B****2022-01-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC2111BL		Normal LOT BC2111BN		High LOT BC2111BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	3.15 ± 0.50 × 10 ³ /μL	3.15 ± 0.50 × 10 ⁹ /L	7.70 ± 1.00 × 10 ³ /μL	7.70 ± 1.00 × 10 ⁹ /L	17.25 ± 2.50 × 10 ³ /μL	17.25 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.58 ± 0.29 × 10 ³ /μL	1.58 ± 0.29 × 10 ⁹ /L	4.35 ± 0.70 × 10 ³ /μL	4.35 ± 0.70 × 10 ⁹ /μL	11.13 ± 1.56 × 10 ³ /μL	11.13 ± 1.56 × 10 ⁹ /μL
Lym#	1.13 ± 0.29 × 10 ³ /μL	1.13 ± 0.29 × 10 ⁹ /L	2.12 ± 0.70 × 10 ³ /μL	2.12 ± 0.70 × 10 ⁹ /μL	3.28 ± 1.21 × 10 ³ /μL	3.28 ± 1.21 × 10 ⁹ /μL
Mon#	0.25 ± 0.22 × 10 ³ /μL	0.25 ± 0.22 × 10 ⁹ /L	0.58 ± 0.47 × 10 ³ /μL	0.58 ± 0.47 × 10 ⁹ /μL	0.95 ± 0.70 × 10 ³ /μL	0.95 ± 0.70 × 10 ⁹ /μL
Eos#	0.19 ± 0.16 × 10 ³ /μL	0.19 ± 0.16 × 10 ⁹ /L	0.65 ± 0.54 × 10 ³ /μL	0.65 ± 0.54 × 10 ⁹ /μL	1.90 ± 1.56 × 10 ³ /μL	1.90 ± 1.56 × 10 ⁹ /μL
Bas#	0.75 ± 0.32 × 10 ³ /μL	0.75 ± 0.32 × 10 ⁹ /L	2.16 ± 0.78 × 10 ³ /μL	2.16 ± 0.78 × 10 ⁹ /μL	5.28 ± 1.73 × 10 ³ /μL	5.28 ± 1.73 × 10 ⁹ /μL
Neu%	50.0 ± 9.0 %	50.0 ± 9.0 %	56.5 ± 9.0 %	56.5 ± 9.0 %	64.5 ± 9.0 %	64.5 ± 9.0 %
Lym%	36.0 ± 9.0 %	36.0 ± 9.0 %	27.5 ± 9.0 %	27.5 ± 9.0 %	19.0 ± 7.0 %	19.0 ± 7.0 %
Mon%	8.0 ± 7.0 %	8.0 ± 7.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	5.5 ± 4.0 %	5.5 ± 4.0 %
Eos%	6.0 ± 5.0 %	6.0 ± 5.0 %	8.5 ± 7.0 %	8.5 ± 7.0 %	11.0 ± 9.0 %	11.0 ± 9.0 %
Bas%	23.7 ± 10.0 %	23.7 ± 10.0 %	28.0 ± 10.0 %	28.0 ± 10.0 %	30.6 ± 10.0 %	30.6 ± 10.0 %
RBC	2.07 ± 0.18 × 10 ⁶ /μL	2.07 ± 0.18 × 10 ¹² /L	4.10 ± 0.24 × 10 ⁶ /μL	4.10 ± 0.24 × 10 ¹² /L	5.02 ± 0.30 × 10 ⁶ /μL	5.02 ± 0.30 × 10 ¹² /L
HGB	5.4 ± 0.4 g/dL	54 ± 4 g/L	12.1 ± 0.6 g/dL	121 ± 6 g/L	15.8 ± 0.8 g/dL	158 ± 8 g/L
HCT	17.3 ± 1.5 %	17.3 ± 1.5 %	38.1 ± 2.0 %	38.1 ± 2.0 %	50.7 ± 2.4 %	50.7 ± 2.4 %
MCV	83.5 ± 5.0 fL	83.5 ± 5.0 fL	93.0 ± 5.0 fL	93.0 ± 5.0 fL	101.0 ± 5.0 fL	101.0 ± 5.0 fL
MCH	26.1 ± 2.5 pg	26.1 ± 2.5 pg	29.5 ± 2.5 pg	29.5 ± 2.5 pg	31.5 ± 2.5 pg	31.5 ± 2.5 pg
MCHC	31.2 ± 3.0 g/dL	312 ± 30 g/L	31.7 ± 3.0 g/dL	317 ± 30 g/L	31.2 ± 3.0 g/dL	312 ± 30 g/L
RDW-CV	15.0 ± 3.0 %	15.0 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %
RDW-SD	47.5 ± 8.0 fL	47.5 ± 8.0 fL	47.5 ± 8.0 fL	47.5 ± 8.0 fL	52.0 ± 8.0 fL	52.0 ± 8.0 fL
PLT	51 ± 20 × 10 ³ /μL	51 ± 20 × 10 ⁹ /L	249 ± 40 × 10 ³ /μL	249 ± 40 × 10 ⁹ /L	504 ± 60 × 10 ³ /μL	504 ± 60 × 10 ⁹ /L
MPV	11.0 ± 3.0 fL	11 ± 3.0 fL	12.5 ± 3.0 fL	12.5 ± 3.0 fL	12.3 ± 3.0 fL	12.3 ± 3.0 fL

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

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