BC-5D

HEMATOLOGY CONTROLS

CONTROL

LOT BC2211B

2023-01-05

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low LOT BC2211BL The U.S. Units	Low LOT BC2211BL The International Units	Normal LOT BC2211BN The U.S. Units	Normal LOT BC2211BN The International Units	High LOT BC2211BH The U.S. Units	High LOT BC2211BH The International Units
BC-5390	WBC	3.15 ± 0.50 × 10^3/μL	3.15 ± 0.50 × 10^9/L	7.75 ± 1.00 × 10^3/μL	7.75 ± 1.00 × 10^9/L	17.00 ± 2.50 × 10^3/μL	17.00 ± 2.50 × 10^9/L
QC Mode	Neu#	1.73 ± 0.29 × 10^3/μL	1.73 ± 0.29 × 10^9/L	4.61 ± 0.70 × 10^3/μL	4.61 ± 0.70 × 10^9/μL	11.22 ± 1.53 × 10^3/μL	11.22 ± 1.53 × 10^9/μL
	Lym#	1.10 ± 0.29 × 10^3/μL	1.10 ± 0.29 × 10^9/L	1.98 ± 0.70 × 10^3/μL	1.98 ± 0.70 × 10^9/μL	2.98 ± 1.37 × 10^3/μL	2.98 ± 1.37 × 10^9/μL
	Mon#	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	1.11 ± 0.86 × 10^3/μL	1.11 ± 0.86 × 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	1.70 ± 1.36 × 10^3/μL	1.70 ± 1.36 × 10^9/μL
	Bas#	0.79 ± 0.32 × 10^3/μL	0.79 ± 0.32 × 10^9/L	2.15 ± 0.78 × 10^3/μL	2.15 ± 0.78 × 10^9/μL	5.29 ± 1.71 × 10^3/μL	5.29 ± 1.71 × 10^9/μL
	Neu%	55.0 ± 9.0 %	55.0 ± 9.0 %	59.5 ± 9.0 %	59.5 ± 9.0 %	66.0 ± 9.0 %	66.0 ± 9.0 %
	Lym%	35.0 ± 9.0 %	35.0 ± 9.0 %	25.5 ± 9.0 %	25.5 ± 9.0 %	17.5 ± 8.0 %	17.5 ± 8.0 %
	Mon%	5.0 ± 4.0 %	5.0 ± 4.0 %	7.5 ± 6.0 %	7.5 ± 6.0 %	6.5 ± 5.0 %	6.5 ± 5.0 %
	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%	25.0 ± 10.0 %	25.0 ± 10.0 %	27.8 ± 10.0 %	27.8 ± 10.0 %	31.1 ± 10.0 %	31.1 ± 10.0 %
	RBC	1.98 ± 0.18 × 10^6/μL	1.98 ± 0.18 × 10^{12}/L	4.23 ± 0.24 × 10^6/μL	4.23 ± 0.24 × 10^{12}/L	4.93 ± 0.30 × 10^6/μL	4.93 ± 0.30 × 10^{12}/L
	HGB	5.1 ± 0.4 g/dL	51 ± 4 g/L	12.2 ± 0.6 g/dL	122 ± 6 g/L	15.8 ± 0.8 g/dL	158 ± 8 g/L
	HCT	16.2 ± 1.5 %	16.2 ± 1.5 %	38.5 ± 2.0 %	38.5 ± 2.0 %	50.5 ± 2.4 %	50.5 ± 2.4 %
	MCV	82.0 ± 5.0 fL	82.0 ± 5.0 fL	91.0 ± 5.0 fL	91.0 ± 5.0 fL	102.5 ± 5.0 fL	102.5 ± 5.0 fL
	MCH	25.8 ± 2.5 pg	25.8 ± 2.5 pg	28.8 ± 2.5 pg	28.8 ± 2.5 pg	32.0 ± 2.5 pg	32.0 ± 2.5 pg
	MCHC	31.4 ± 3.0 g/dL	314 ± 30 g/L	31.7 ± 3.0 g/dL	317 ± 30 g/L	31.3 ± 3.0 g/dL	313 ± 30 g/L
	RDW-CV	15.0 ± 3.0 %	15.0 ± 3.0 %	14.5 ± 3.0 %	14.5 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %
	RDW-SD	46.0 ± 8.0 fL	46.0 ± 8.0 fL	49.5 ± 8.0 fL	49.5 ± 8.0 fL	51.0 ± 8.0 fL	51.0 ± 8.0 fL
	PLT	51 ± 20 × 10^3/μL	51 ± 20 × 10^9/L	252 ± 40 × 10^3/μL	252 ± 40 × 10^9/L	497 ± 60 × 10^3/μL	497 ± 60 × 10^9/L
	MPV	11.1 ± 3.0 fL	11.1 ± 3.0 fL	12.2 ± 3.0 fL	12.2 ± 3.0 fL	11.8 ± 3.0 fL	11.8 ± 3.0 fL

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

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