

BC-5D**HEMATOLOGY CONTROLS****CONTROL****LOT BC1901B****2019-03-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low LOT BC1901BL		Normal LOT BC1901BN		High LOT BC1901BH	
	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 × 10³/μL	3.35 ± 0.50 × 10⁹/L	7.85 ± 1.00 × 10³/μL	7.85 ± 1.00 × 10⁹/L	17.60 ± 2.50 × 10³/μL	17.60 ± 2.50 × 10⁹/L
QC Mode Neu#	1.68 ± 0.31 × 10³/μL	1.68 ± 0.31 × 10⁹/L	4.44 ± 0.63 × 10³/μL	4.44 ± 0.63 × 10⁹/μL	11.35 ± 1.59 × 10³/μL	11.35 ± 1.59 × 10⁹/μL
Lym#	1.22 ± 0.31 × 10³/μL	1.22 ± 0.31 × 10⁹/L	2.24 ± 0.63 × 10³/μL	2.24 ± 0.63 × 10⁹/μL	3.26 ± 1.24 × 10³/μL	3.26 ± 1.24 × 10⁹/μL
Mon#	0.27 ± 0.21 × 10³/μL	0.27 ± 0.21 × 10⁹/L	0.55 ± 0.48 × 10³/μL	0.55 ± 0.48 × 10⁹/μL	1.23 ± 1.06 × 10³/μL	1.23 ± 1.06 × 10⁹/μL
Eos#	0.18 ± 0.17 × 10³/μL	0.18 ± 0.17 × 10⁹/L	0.63 ± 0.48 × 10³/μL	0.63 ± 0.48 × 10⁹/μL	1.76 ± 1.41 × 10³/μL	1.76 ± 1.41 × 10⁹/μL
Bas#	0.84 ± 0.34 × 10³/μL	0.84 ± 0.34 × 10⁹/L	2.13 ± 0.79 × 10³/μL	2.13 ± 0.79 × 10⁹/μL	5.35 ± 1.76 × 10³/μL	5.35 ± 1.76 × 10⁹/μL
Neu%	50.0 ± 9.0 %	50.0 ± 9.0 %	56.5 ± 8.0 %	56.5 ± 8.0 %	64.5 ± 9.0 %	64.5 ± 9.0 %
Lym%	36.5 ± 9.0 %	36.5 ± 9.0 %	28.5 ± 8.0 %	28.5 ± 8.0 %	18.5 ± 7.0 %	18.5 ± 7.0 %
Mon%	8.0 ± 6.0 %	8.0 ± 6.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %
Eos%	5.5 ± 5.0 %	5.5 ± 5.0 %	8.0 ± 6.0 %	8.0 ± 6.0 %	10.0 ± 8.0 %	10.0 ± 8.0 %
Bas%	25.2 ± 10.0 %	25.2 ± 10.0 %	27.1 ± 10.0 %	27.1 ± 10.0 %	30.4 ± 10.0 %	30.4 ± 10.0 %
RBC	2.02 ± 0.18 × 10⁶/μL	2.02 ± 0.18 × 10¹²/L	4.18 ± 0.24 × 10⁶/μL	4.18 ± 0.24 × 10¹²/L	5.01 ± 0.30 × 10⁶/μL	5.01 ± 0.30 × 10¹²/L
HGB	5.5 ± 0.4 g/dL	55 ± 4 g/L	12.6 ± 0.6 g/dL	126 ± 6 g/L	16.1 ± 0.8 g/dL	161 ± 8 g/L
HCT	17.2 ± 1.5 %	17.2 ± 1.5 %	39.3 ± 2.0 %	39.3 ± 2.0 %	51.1 ± 2.4 %	51.1 ± 2.4 %
MCV	85.0 ± 5.0 fL	85.0 ± 5.0 fL	94.0 ± 5.0 fL	94.0 ± 5.0 fL	102.0 ± 5.0 fL	102.0 ± 5.0 fL
MCH	27.2 ± 2.5 pg	27.2 ± 2.5 pg	30.1 ± 2.5 pg	30.1 ± 2.5 pg	32.1 ± 2.5 pg	32.1 ± 2.5 pg
MCHC	32.0 ± 3.0 g/dL	320 ± 30 g/L	32.1 ± 3.0 g/dL	321 ± 30 g/L	31.5 ± 3.0 g/dL	315 ± 30 g/L
RDW-CV	13.6 ± 3.0 %	13.6 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %	12.9 ± 3.0 %	12.9 ± 3.0 %
RDW-SD	45.5 ± 8.0 fL	45.5 ± 8.0 fL	48.0 ± 8.0 fL	48.0 ± 8.0 fL	49.5 ± 8.0 fL	49.5 ± 8.0 fL
PLT	55 ± 20 × 10³/μL	55 ± 20 × 10⁹/L	239 ± 40 × 10³/μL	239 ± 40 × 10⁹/L	476 ± 60 × 10³/μL	476 ± 60 × 10⁹/L
MPV	11.4 ± 3.0 fL	11.4 ± 3.0 fL	11.0 ± 3.0 fL	11.0 ± 3.0 fL	10.6 ± 3.0 fL	10.6 ± 3.0 fL

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

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