

BC-5D

HEMATOLOGY CONTROLS

CONTROL**LOT BC1905B****2019-07-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low BC1905BL		Normal BC1905BN		High BC1905BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	$3.30 \pm 0.50 \times 10^9/\mu\text{L}$	$3.30 \pm 0.50 \times 10^9/\text{L}$	$7.90 \pm 1.00 \times 10^3/\mu\text{L}$	$7.90 \pm 1.00 \times 10^9/\text{L}$	$17.30 \pm 2.50 \times 10^3/\mu\text{L}$	$17.30 \pm 2.50 \times 10^9/\text{L}$
QC Mode Neu#	$1.70 \pm 0.30 \times 10^3/\mu\text{L}$	$1.70 \pm 0.30 \times 10^9/\text{L}$	$4.58 \pm 0.64 \times 10^3/\mu\text{L}$	$4.58 \pm 0.64 \times 10^9/\mu\text{L}$	$11.50 \pm 1.56 \times 10^3/\mu\text{L}$	$11.50 \pm 1.56 \times 10^9/\mu\text{L}$
Lym#	$1.19 \pm 0.30 \times 10^3/\mu\text{L}$	$1.19 \pm 0.30 \times 10^9/\text{L}$	$2.33 \pm 0.64 \times 10^3/\mu\text{L}$	$2.33 \pm 0.64 \times 10^9/\mu\text{L}$	$3.29 \pm 1.22 \times 10^3/\mu\text{L}$	$3.29 \pm 1.22 \times 10^9/\mu\text{L}$
Mon#	$0.25 \pm 0.20 \times 10^3/\mu\text{L}$	$0.25 \pm 0.20 \times 10^9/\text{L}$	$0.43 \pm 0.40 \times 10^3/\mu\text{L}$	$0.43 \pm 0.40 \times 10^9/\mu\text{L}$	$0.95 \pm 0.87 \times 10^3/\mu\text{L}$	$0.95 \pm 0.87 \times 10^9/\mu\text{L}$
Eos#	$0.17 \pm 0.14 \times 10^3/\mu\text{L}$	$0.17 \pm 0.14 \times 10^9/\text{L}$	$0.55 \pm 0.48 \times 10^3/\mu\text{L}$	$0.55 \pm 0.48 \times 10^9/\mu\text{L}$	$1.56 \pm 1.22 \times 10^3/\mu\text{L}$	$1.56 \pm 1.22 \times 10^9/\mu\text{L}$
Bas#	$0.85 \pm 0.33 \times 10^3/\mu\text{L}$	$0.85 \pm 0.33 \times 10^9/\text{L}$	$2.16 \pm 0.79 \times 10^3/\mu\text{L}$	$2.16 \pm 0.79 \times 10^9/\mu\text{L}$	$5.33 \pm 1.74 \times 10^3/\mu\text{L}$	$5.33 \pm 1.74 \times 10^9/\mu\text{L}$
Neu%	51.5 ± 9.0 %	51.5 ± 9.0 %	58.0 ± 8.0 %	58.0 ± 8.0 %	66.5 ± 9.0 %	66.5 ± 9.0 %
Lym%	36.0 ± 9.0 %	36.0 ± 9.0 %	29.5 ± 8.0 %	29.5 ± 8.0 %	19.0 ± 7.0 %	19.0 ± 7.0 %
Mon%	7.5 ± 6.0 %	7.5 ± 6.0 %	5.5 ± 5.0 %	5.5 ± 5.0 %	5.5 ± 5.0 %	5.5 ± 5.0 %
Eos%	5.0 ± 4.0 %	5.0 ± 4.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %	9.0 ± 7.0 %	9.0 ± 7.0 %
Bas%	25.9 ± 10.0 %	25.9 ± 10.0 %	27.4 ± 10.0 %	27.4 ± 10.0 %	30.8 ± 10.0 %	30.8 ± 10.0 %
RBC	$2.02 \pm 0.18 \times 10^6/\mu\text{L}$	$2.02 \pm 0.18 \times 10^{12}/\text{L}$	$4.10 \pm 0.24 \times 10^6/\mu\text{L}$	$4.10 \pm 0.24 \times 10^{12}/\text{L}$	$4.83 \pm 0.30 \times 10^6/\mu\text{L}$	$4.83 \pm 0.30 \times 10^{12}/\text{L}$
HGB	5.5 ± 0.4 g/dL	55 ± 4 g/L	12.4 ± 0.6 g/dL	124 ± 6 g/L	15.6 ± 0.8 g/dL	156 ± 8 g/L
HCT	17.5 ± 1.5 %	17.5 ± 1.5 %	38.7 ± 2.0 %	38.7 ± 2.0 %	49.5 ± 2.4 %	49.5 ± 2.4 %
MCV	86.5 ± 5.0 fL	86.5 ± 5.0 fL	94.5 ± 5.0 fL	94.5 ± 5.0 fL	102.5 ± 5.0 fL	102.5 ± 5.0 fL
MCH	27.2 ± 2.5 pg	27.2 ± 2.5 pg	30.2 ± 2.5 pg	30.2 ± 2.5 pg	32.3 ± 2.5 pg	32.3 ± 2.5 pg
MCHC	31.5 ± 3.0 g/dL	315 ± 30 g/L	32.0 ± 3.0 g/dL	320 ± 30 g/L	31.5 ± 3.0 g/dL	315 ± 30 g/L
RDW-CV	14.0 ± 3.0 %	14.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %
RDW-SD	46.5 ± 8.0 fL	46.5 ± 8.0 fL	48.0 ± 8.0 fL	48.0 ± 8.0 fL	51.0 ± 8.0 fL	51.0 ± 8.0 fL
PLT	$50 \pm 20 \times 10^3/\mu\text{L}$	$50 \pm 20 \times 10^9/\text{L}$	$249 \pm 40 \times 10^3/\mu\text{L}$	$249 \pm 40 \times 10^9/\text{L}$	$515 \pm 60 \times 10^3/\mu\text{L}$	$515 \pm 60 \times 10^9/\text{L}$
MPV	11.1 ± 3.0 fL	11.1 ± 3.0 fL	11.2 ± 3.0 fL	11.2 ± 3.0 fL	11.3 ± 3.0 fL	11.3 ± 3.0 fL

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

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