




BC-5D

HEMATOLOGY CONTROLS

CONTROL

 **BC1811B**
 **2019-01-10**

ASSAY VALUES AND EXPECTED RANGES

Instrument Parameter	Low  BC1811BL		Normal  BC1811BN		High  BC1811BH	
	The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390 WBC	3.25 ± 0.50 × 10 ³ /μL	3.25 ± 0.50 × 10 ⁹ /L	7.50 ± 1.00 × 10 ³ /μL	7.50 ± 1.00 × 10 ⁹ /L	17.25 ± 2.50 × 10 ³ /μL	17.25 ± 2.50 × 10 ⁹ /L
QC Mode Neu#	1.74 ± 0.30 × 10 ³ /μL	1.74 ± 0.30 × 10 ⁹ /L	4.16 ± 0.60 × 10 ³ /μL	4.16 ± 0.60 × 10 ⁹ /μL	11.13 ± 1.56 × 10 ³ /μL	11.13 ± 1.56 × 10 ⁹ /μL
Lym#	1.17 ± 0.30 × 10 ³ /μL	1.17 ± 0.30 × 10 ⁹ /L	2.29 ± 0.61 × 10 ³ /μL	2.29 ± 0.61 × 10 ⁹ /μL	3.36 ± 1.21 × 10 ³ /μL	3.36 ± 1.21 × 10 ⁹ /μL
Mon#	0.18 ± 0.17 × 10 ³ /μL	0.18 ± 0.17 × 10 ⁹ /L	0.45 ± 0.38 × 10 ³ /μL	0.45 ± 0.38 × 10 ⁹ /μL	1.04 ± 0.87 × 10 ³ /μL	1.04 ± 0.87 × 10 ⁹ /μL
Eos#	0.16 ± 0.13 × 10 ³ /μL	0.16 ± 0.13 × 10 ⁹ /L	0.60 ± 0.45 × 10 ³ /μL	0.60 ± 0.45 × 10 ⁹ /μL	1.73 ± 1.39 × 10 ³ /μL	1.73 ± 1.39 × 10 ⁹ /μL
Bas#	0.81 ± 0.33 × 10 ³ /μL	0.81 ± 0.33 × 10 ⁹ /L	2.03 ± 0.76 × 10 ³ /μL	2.03 ± 0.76 × 10 ⁹ /μL	5.28 ± 1.73 × 10 ³ /μL	5.28 ± 1.73 × 10 ⁹ /μL
Neu%	53.5 ± 9.0 %	53.5 ± 9.0 %	55.5 ± 8.0 %	55.5 ± 8.0 %	64.5 ± 9.0 %	64.5 ± 9.0 %
Lym%	36.0 ± 9.0 %	36.0 ± 9.0 %	30.5 ± 8.0 %	30.5 ± 8.0 %	19.5 ± 7.0 %	19.5 ± 7.0 %
Mon%	5.5 ± 5.0 %	5.5 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %
Eos%	5.0 ± 4.0 %	5.0 ± 4.0 %	8.0 ± 6.0 %	8.0 ± 6.0 %	10.0 ± 8.0 %	10.0 ± 8.0 %
Bas%	24.8 ± 10.0 %	24.8 ± 10.0 %	27.0 ± 10.0 %	27.0 ± 10.0 %	30.6 ± 10.0 %	30.6 ± 10.0 %
RBC	2.13 ± 0.18 × 10 ⁶ /μL	2.13 ± 0.18 × 10 ¹² /L	4.14 ± 0.24 × 10 ⁶ /μL	4.14 ± 0.24 × 10 ¹² /L	4.87 ± 0.30 × 10 ⁶ /μL	4.87 ± 0.30 × 10 ¹² /L
HGB	5.9 ± 0.4 g/dL	59 ± 4 g/L	12.3 ± 0.6 g/dL	123 ± 6 g/L	15.6 ± 0.8 g/dL	156 ± 8 g/L
HCT	18.3 ± 1.5 %	18.3 ± 1.5 %	38.1 ± 2.0 %	38.1 ± 2.0 %	49.4 ± 2.4 %	49.4 ± 2.4 %
MCV	86.0 ± 5.0 fL	86.0 ± 5.0 fL	92.0 ± 5.0 fL	92.0 ± 5.0 fL	101.5 ± 5.0 fL	101.5 ± 5.0 fL
MCH	27.7 ± 2.5 pg	27.7 ± 2.5 pg	29.7 ± 2.5 pg	29.7 ± 2.5 pg	32.0 ± 2.5 pg	32.0 ± 2.5 pg
MCHC	32.2 ± 3.0 g/dL	322 ± 30 g/L	32.3 ± 3.0 g/dL	323 ± 30 g/L	31.6 ± 3.0 g/dL	316 ± 30 g/L
RDW-CV	14.0 ± 3.0 %	14.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 3.0 %	13.0 ± 4.0 %	13.0 ± 4.0 %
RDW-SD	46.5 ± 8.0 fL	46.5 ± 8.0 fL	47.5 ± 10.0 fL	47.5 ± 10.0 fL	49.5 ± 12.0 fL	49.5 ± 12.0 fL
PLT	49 ± 20 × 10 ³ /μL	49 ± 20 × 10 ⁹ /L	223 ± 40 × 10 ³ /μL	223 ± 40 × 10 ⁹ /L	460 ± 60 × 10 ³ /μL	460 ± 60 × 10 ⁹ /L
MPV	10.3 ± 3.0 fL	10.3 ± 3.0 fL	9.9 ± 3.0 fL	9.9 ± 3.0 fL	9.3 ± 3.0 fL	9.3 ± 3.0 fL

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

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