

# BC-5D

## HEMATOLOGY CONTROLS

CONTROL

## ASSAY VALUES AND EXPECTED RANGES

LOT

 BC2207B


2022-09-10

		Low		Normal		High	
		<div>LOT</div>	BC2207BL	<div>LOT</div>	BC2207BN	<div>LOT</div>	BC2207BH
Instrument Parameter		The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-5390	WBC	3.10 ± 0.50 × 10 <sup>3</sup> /μL	3.10 ± 0.50 × 10 <sup>9</sup> /L	7.60 ± 1.00 × 10 <sup>3</sup> /μL	7.60 ± 1.00 × 10 <sup>9</sup> /L	16.75 ± 2.50 × 10 <sup>3</sup> /μL	16.75 ± 2.50 × 10 <sup>9</sup> /L
QC Mode	Neu#	1.55 ± 0.28 × 10 <sup>3</sup> /μL	1.55 ± 0.28 × 10 <sup>9</sup> /L	4.33 ± 0.69 × 10 <sup>3</sup> /μL	4.33 ± 0.69 × 10 <sup>9</sup> /μL	10.80 ± 1.51 × 10 <sup>3</sup> /μL	10.80 ± 1.51 × 10 <sup>9</sup> /μL
	Lym#	1.19 ± 0.28 × 10 <sup>3</sup> /μL	1.19 ± 0.28 × 10 <sup>9</sup> /L	2.13 ± 0.69 × 10 <sup>3</sup> /μL	2.13 ± 0.69 × 10 <sup>9</sup> /μL	3.02 ± 1.18 × 10 <sup>3</sup> /μL	3.02 ± 1.18 × 10 <sup>9</sup> /μL
	Mon#	0.17 ± 0.13 × 10 <sup>3</sup> /μL	0.17 ± 0.13 × 10 <sup>9</sup> /L	0.49 ± 0.38 × 10 <sup>3</sup> /μL	0.49 ± 0.38 × 10 <sup>9</sup> /μL	1.17 ± 0.84 × 10 <sup>3</sup> /μL	1.17 ± 0.84 × 10 <sup>9</sup> /μL
	Eos#	0.19 ± 0.16 × 10 <sup>3</sup> /μL	0.19 ± 0.16 × 10 <sup>9</sup> /L	0.65 ± 0.54 × 10 <sup>3</sup> /μL	0.65 ± 0.54 × 10 <sup>9</sup> /μL	1.76 ± 1.35 × 10 <sup>3</sup> /μL	1.76 ± 1.35 × 10 <sup>9</sup> /μL
	Bas#	0.71 ± 0.31 × 10 <sup>3</sup> /μL	0.71 ± 0.31 × 10 <sup>9</sup> /L	2.08 ± 0.76 × 10 <sup>3</sup> /μL	2.08 ± 0.76 × 10 <sup>9</sup> /μL	5.11 ± 1.68 × 10 <sup>3</sup> /μL	5.11 ± 1.68 × 10 <sup>9</sup> /μL
	Neu%	50.0 ± 9.0 %	50.0 ± 9.0 %	57.0 ± 9.0 %	57.0 ± 9.0 %	64.5 ± 9.0 %	64.5 ± 9.0 %
	Lym%	38.5 ± 9.0 %	38.5 ± 9.0 %	28.0 ± 9.0 %	28.0 ± 9.0 %	18.0 ± 7.0 %	18.0 ± 7.0 %
	Mon%	5.5 ± 4.0 %	5.5 ± 4.0 %	6.5 ± 5.0 %	6.5 ± 5.0 %	7.0 ± 5.0 %	7.0 ± 5.0 %
	Eos%	6.0 ± 5.0 %	6.0 ± 5.0 %	8.5 ± 7.0 %	8.5 ± 7.0 %	10.5 ± 8.0 %	10.5 ± 8.0 %
	Bas%	23.0 ± 10.0 %	23.0 ± 10.0 %	27.4 ± 10.0 %	27.4 ± 10.0 %	30.5 ± 10.0 %	30.5 ± 10.0 %
	RBC	2.00 ± 0.18 × 10 <sup>6</sup> /μL	2.00 ± 0.18 × 10 <sup>12</sup> /L	4.20 ± 0.24 × 10 <sup>6</sup> /μL	4.20 ± 0.24 × 10 <sup>12</sup> /L	5.01 ± 0.30 × 10 <sup>6</sup> /μL	5.01 ± 0.30 × 10 <sup>12</sup> /L
	HGB	5.2 ± 0.4 g/dL	52 ± 4 g/L	12.4 ± 0.6 g/dL	124 ± 6 g/L	15.9 ± 0.8 g/dL	159 ± 8 g/L
	HCT	16.6 ± 1.5 %	16.6 ± 1.5 %	38.6 ± 2.0 %	38.6 ± 2.0 %	50.6 ± 2.4 %	50.6 ± 2.4 %
	MCV	83.0 ± 5.0 fL	83.0 ± 5.0 fL	92.0 ± 5.0 fL	92.0 ± 5.0 fL	101.0 ± 5.0 fL	101.0 ± 5.0 fL
	MCH	26.0 ± 2.5 pg	26.0 ± 2.5 pg	29.5 ± 2.5 pg	29.5 ± 2.5 pg	31.7 ± 2.5 pg	31.7 ± 2.5 pg
	MCHC	31.3 ± 3.0 g/dL	313 ± 30 g/L	32.1 ± 3.0 g/dL	321 ± 30 g/L	31.4 ± 3.0 g/dL	314 ± 30 g/L
	RDW-CV	15.5 ± 3.0 %	15.5 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %
	RDW-SD	48.0 ± 8.0 fL	48.0 ± 8.0 fL	48.5 ± 8.0 fL	48.5 ± 8.0 fL	51.0 ± 8.0 fL	51.0 ± 8.0 fL
PLT	47 ± 20 × 10 <sup>3</sup> /μL	47 ± 20 × 10 <sup>9</sup> /L	256 ± 40 × 10 <sup>3</sup> /μL	256 ± 40 × 10 <sup>9</sup> /L	505 ± 60 × 10 <sup>3</sup> /μL	505 ± 60 × 10 <sup>9</sup> /L	
MPV	11.9 ± 3.0 fL	11.9 ± 3.0 fL	12.0 ± 3.0 fL	12.0 ± 3.0 fL	11.9 ± 3.0 fL	11.9 ± 3.0 fL	

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

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