

BC-3D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 B1121


2022-02-05

Instrument	Parameter	Low		Normal		High	
		<div style="border: 1px solid black; padding: 2px;">LOT</div> B1121L	<div style="border: 1px solid black; padding: 2px;">LOT</div> B1121N	<div style="border: 1px solid black; padding: 2px;">LOT</div> B1121N	<div style="border: 1px solid black; padding: 2px;">LOT</div> B1121H	<div style="border: 1px solid black; padding: 2px;">LOT</div> B1121H	<div style="border: 1px solid black; padding: 2px;">LOT</div> B1121H
		The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-3600 CD version 1.8(FDA) or greater	WBC	2.0 ± 0.5 × 10 ³ /μL	2.0 ± 0.5 × 10 ⁹ /L	7.8 ± 1.0 × 10 ³ /μL	7.8 ± 1.0 × 10 ⁹ /L	20.2 ± 2.5 × 10 ³ /μL	20.2 ± 2.5 × 10 ⁹ /L
	RBC	2.35 ± 0.18 × 10 ⁶ /μL	2.35 ± 0.18 × 10 ¹² /L	4.60 ± 0.24 × 10 ⁶ /μL	4.60 ± 0.24 × 10 ¹² /L	5.81 ± 0.30 × 10 ⁶ /μL	5.81 ± 0.30 × 10 ¹² /L
	HGB	5.9 ± 0.4 g/dL	59 ± 4 g/L	13.8 ± 0.6 g/dL	138 ± 6 g/L	19.4 ± 0.8 g/dL	194 ± 8 g/L
	HCT	18.1 ± 1.5 %	18.1 ± 1.5 %	40.0 ± 2.0 %	40.0 ± 2.0 %	55.2 ± 2.4 %	55.2 ± 2.4 %
	MCV	77.0 ± 5.0 fL	77.0 ± 5.0 fL	87.0 ± 5.0 fL	87.0 ± 5.0 fL	95.0 ± 5.0 fL	95.0 ± 5.0 fL
	MCH	25.1 ± 2.5 pg	25.1 ± 2.5 pg	30.0 ± 2.5 pg	30.0 ± 2.5 pg	33.4 ± 2.5 pg	33.4 ± 2.5 pg
	MCHC	32.6 ± 3.0 g/dL	326 ± 30 g/L	34.5 ± 3.0 g/dL	345 ± 30 g/L	35.1 ± 3.0 g/dL	351 ± 30 g/L
	RDW	17.0 ± 3.0 %	17.0 ± 3.0 %	13.5 ± 3.0 %	13.5 ± 3.0 %	14.5 ± 3.0 %	14.5 ± 3.0 %
	PLT	60 ± 20 × 10 ³ /μL	60 ± 20 × 10 ⁹ /L	251 ± 40 × 10 ³ /μL	251 ± 40 × 10 ⁹ /L	535 ± 60 × 10 ³ /μL	535 ± 60 × 10 ⁹ /L
	MPV	8.3 ± 3.0 fL	8.3 ± 3.0 fL	8.2 ± 3.0 fL	8.2 ± 3.0 fL	8.1 ± 3.0 fL	8.1 ± 3.0 fL
	Lymph	55.0 ± 9.0 %	55.0 ± 9.0 %	29.0 ± 8.0 %	29.0 ± 8.0 %	11.5 ± 8.0 %	11.5 ± 8.0 %
	Mid	14.0 ± 10.0 %	14.0 ± 10.0 %	6.0 ± 5.0 %	6.0 ± 5.0 %	7.0 ± 4.0 %	7.0 ± 4.0 %
	Gran	31.0 ± 9.0 %	31.0 ± 9.0 %	65.0 ± 8.0 %	65.0 ± 8.0 %	81.5 ± 9.0 %	81.5 ± 9.0 %
	Lymph#	1.1 ± 0.2 × 10 ³ /μL	1.1 ± 0.2 × 10 ⁹ /L	2.3 ± 0.6 × 10 ³ /μL	2.3 ± 0.6 × 10 ⁹ /L	2.3 ± 1.6 × 10 ³ /μL	2.3 ± 1.6 × 10 ⁹ /L
	Mid#	0.3 ± 0.2 × 10 ³ /μL	0.3 ± 0.2 × 10 ⁹ /L	0.5 ± 0.4 × 10 ³ /μL	0.5 ± 0.4 × 10 ⁹ /L	1.4 ± 0.8 × 10 ³ /μL	1.4 ± 0.8 × 10 ⁹ /L
	Gran#	0.6 ± 0.2 × 10 ³ /μL	0.6 ± 0.2 × 10 ⁹ /L	5.1 ± 0.6 × 10 ³ /μL	5.1 ± 0.6 × 10 ⁹ /L	16.5 ± 1.8 × 10 ³ /μL	16.5 ± 1.8 × 10 ⁹ /L
BC-3600 CD version lower than 1.8 and/or manufacture date before March of 2015	WBC	2.0 ± 0.5 × 10 ³ /μL	2.0 ± 0.5 × 10 ⁹ /L	7.9 ± 1.0 × 10 ³ /μL	7.9 ± 1.0 × 10 ⁹ /L	21.2 ± 2.5 × 10 ³ /μL	21.2 ± 2.5 × 10 ⁹ /L
	RBC	2.42 ± 0.18 × 10 ⁶ /μL	2.42 ± 0.18 × 10 ¹² /L	4.75 ± 0.24 × 10 ⁶ /μL	4.75 ± 0.24 × 10 ¹² /L	5.84 ± 0.30 × 10 ⁶ /μL	5.84 ± 0.30 × 10 ¹² /L
	HGB	6.2 ± 0.4 g/dL	62 ± 4 g/L	13.7 ± 0.6 g/dL	137 ± 6 g/L	18.8 ± 0.8 g/dL	188 ± 8 g/L
	HCT	18.6 ± 1.5 %	18.6 ± 1.5 %	41.3 ± 2.0 %	41.3 ± 2.0 %	55.5 ± 2.4 %	55.5 ± 2.4 %
	MCV	77.0 ± 5.0 fL	77.0 ± 5.0 fL	87.0 ± 5.0 fL	87.0 ± 5.0 fL	95.0 ± 5.0 fL	95.0 ± 5.0 fL
	MCH	25.62 ± 2.5 pg	25.6 ± 2.5 pg	28.8 ± 2.5 pg	28.8 ± 2.5 pg	32.2 ± 2.5 pg	32.2 ± 2.5 pg
	MCHC	33.3 ± 3.0 g/dL	333 ± 30 g/L	33.2 ± 3.0 g/dL	332 ± 30 g/L	33.9 ± 3.0 g/dL	339 ± 30 g/L
	RDW-CV	18.5 ± 3.0 %	18.5 ± 3.0 %	14.5 ± 3.0 %	14.5 ± 3.0 %	15.5 ± 3.0 %	15.5 ± 3.0 %
	RDW-SD	41.7 ± 8.0 fL	41.7 ± 8.0 fL	41.3 ± 8.0 fL	41.3 ± 8.0 fL	46.8 ± 8.0 fL	46.8 ± 8.0 fL
	PLT	68 ± 20 × 10 ³ /μL	68 ± 20 × 10 ⁹ /L	263 ± 40 × 10 ³ /μL	263 ± 40 × 10 ⁹ /L	535 ± 60 × 10 ³ /μL	535 ± 60 × 10 ⁹ /L
	MPV	9.4 ± 3.0 fL	9.4 ± 3.0 fL	9.4 ± 3.0 fL	9.4 ± 3.0 fL	9.3 ± 3.0 fL	9.3 ± 3.0 fL
	*PCT	0.064 ± 0.050 %	0.064 ± 0.050 %	0.247 ± 0.100 %	0.247 ± 0.100 %	0.498 ± 0.200 %	0.498 ± 0.200 %
	*PDW	15.3 ± 3.0	15.3 ± 3.0	15.7 ± 3.0	15.7 ± 3.0	15.9 ± 3.0	15.9 ± 3.0
	*P-LCC	23 ± 10 × 10 ³ /μL	23 ± 10 × 10 ⁹ /L	87 ± 22 × 10 ³ /μL	87 ± 22 × 10 ⁹ /L	174 ± 30 × 10 ³ /μL	174 ± 30 × 10 ⁹ /L
	*P-LCR	33.6 ± 9.0 %	33.6 ± 9.0 %	33.0 ± 9.0 %	33.0 ± 9.0 %	32.6 ± 9.0 %	32.6 ± 9.0 %
	Lymph	54.9 ± 9.0 %	54.9 ± 9.0 %	29.1 ± 8.0 %	29.1 ± 8.0 %	11.8 ± 8.0 %	11.8 ± 8.0 %
Mid	15.8 ± 10.0 %	15.8 ± 10.0 %	8.0 ± 7.0 %	8.0 ± 7.0 %	7.5 ± 4.0 %	7.5 ± 4.0 %	
Gran	29.3 ± 9.0 %	29.3 ± 9.0 %	62.9 ± 8.0 %	62.9 ± 8.0 %	80.7 ± 9.0 %	80.7 ± 9.0 %	
Lymph#	1.1 ± 0.2 × 10 ³ /μL	1.1 ± 0.2 × 10 ⁹ /L	2.3 ± 0.6 × 10 ³ /μL	2.3 ± 0.6 × 10 ⁹ /L	2.5 ± 1.7 × 10 ³ /μL	2.5 ± 1.7 × 10 ⁹ /L	
Mid#	0.3 ± 0.2 × 10 ³ /μL	0.3 ± 0.2 × 10 ⁹ /L	0.6 ± 0.5 × 10 ³ /μL	0.6 ± 0.5 × 10 ⁹ /L	1.6 ± 0.9 × 10 ³ /μL	1.6 ± 0.9 × 10 ⁹ /L	
Gran#	0.6 ± 0.2 × 10 ³ /μL	0.6 ± 0.2 × 10 ⁹ /L	5.0 ± 0.6 × 10 ³ /μL	5.0 ± 0.6 × 10 ⁹ /L	17.1 ± 1.9 × 10 ³ /μL	17.1 ± 1.9 × 10 ⁹ /L	

THIS
ANALYZER
NOT
APPROVED
FOR USE IN
THE US

* For Research Use Only.
Before using, refer to the instruction sheet for mixing directions.

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
Mindray Building, Keji 12th Road South, Hi-tech Industrial Park, Nanshan, ShenZhen 518057, P.R.China
Tel: +86 755 26582479 26582888
Fax: +86 755 26582934 26582500


U.S.Headquarters:
Mindray North America
800 Macarthur Blvd., Mahwah, NJ 07430-0619,USA
Tel: (1-800) 288 2121

BC-3D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT B1121
 2022-02-05

Instrument	Parameter	Low		Normal		High	
		LOT B1121L	LOT B1121N	LOT B1121N	LOT B1121H	LOT B1121H	LOT B1121H
		The U.S. Units	The International Units	The U.S. Units	The International Units	The U.S. Units	The International Units
BC-3200	WBC	2.1 ± 0.5 × 10 ⁹ /μL	2.1 ± 0.5 × 10 ⁹ /L	8.3 ± 1.0 × 10 ⁹ /μL	8.3 ± 1.0 × 10 ⁹ /L	21.6 ± 2.5 × 10 ⁹ /μL	21.6 ± 2.5 × 10 ⁹ /L
	RBC	2.40 ± 0.18 × 10 ⁶ /μL	2.40 ± 0.18 × 10 ¹² /L	4.62 ± 0.24 × 10 ⁶ /μL	4.62 ± 0.24 × 10 ¹² /L	5.75 ± 0.30 × 10 ⁶ /μL	5.75 ± 0.30 × 10 ¹² /L
	HGB	6.1 ± 0.4 g/dL	61 ± 4 g/L	13.6 ± 0.6 g/dL	136 ± 6 g/L	18.7 ± 0.8 g/dL	187 ± 8 g/L
	HCT	18.2 ± 1.5 %	18.2 ± 1.5 %	40.2 ± 2.0 %	40.2 ± 2.0 %	54.6 ± 2.4 %	54.6 ± 2.4 %
	MCV	75.7 ± 5.0 fL	75.7 ± 5.0 fL	87.0 ± 5.0 fL	87.0 ± 5.0 fL	95.0 ± 5.0 fL	95.0 ± 5.0 fL
	MCH	25.4 ± 2.5 pg	25.4 ± 2.5 pg	29.4 ± 2.5 pg	29.4 ± 2.5 pg	32.5 ± 2.5 pg	32.5 ± 2.5 pg
	MCHC	33.6 ± 3.0 g/dL	336 ± 30 g/L	33.8 ± 3.0 g/dL	338 ± 30 g/L	34.2 ± 3.0 g/dL	342 ± 30 g/L
	*RDW	16.4 ± 3.0 %	16.4 ± 3.0 %	14.1 ± 3.0 %	14.1 ± 3.0 %	13.4 ± 3.0 %	13.4 ± 3.0 %
	PLT	74 ± 20 × 10 ³ /μL	74 ± 20 × 10 ⁹ /L	262 ± 40 × 10 ³ /μL	262 ± 40 × 10 ⁹ /L	524 ± 60 × 10 ³ /μL	524 ± 60 × 10 ⁹ /L
	*MPV	8.7 ± 3.0 fL	8.7 ± 3.0 fL	8.3 ± 3.0 fL	8.3 ± 3.0 fL	8.1 ± 3.0 fL	8.1 ± 3.0 fL
	Lymph	52.5 ± 12.0 %	52.5 ± 12.0 %	29.5 ± 8.0 %	29.5 ± 8.0 %	11.5 ± 6.0 %	11.5 ± 6.0 %
	*Mid	17.5 ± 10.0 %	17.5 ± 10.0 %	7.0 ± 6.0 %	7.0 ± 6.0 %	7.0 ± 4.0 %	7.0 ± 4.0 %
	Gran	30.0 ± 9.0 %	30.0 ± 9.0 %	63.5 ± 8.0 %	63.5 ± 8.0 %	81.5 ± 8.0 %	81.5 ± 8.0 %
	Lymph#	1.1 ± 0.3 × 10 ³ /μL	1.1 ± 0.3 × 10 ⁹ /L	2.4 ± 0.7 × 10 ³ /μL	2.4 ± 0.7 × 10 ⁹ /L	2.5 ± 1.3 × 10 ³ /μL	2.5 ± 1.3 × 10 ⁹ /L
	*Mid#	0.4 ± 0.2 × 10 ³ /μL	0.4 ± 0.2 × 10 ⁹ /L	0.6 ± 0.5 × 10 ³ /μL	0.6 ± 0.5 × 10 ⁹ /L	1.5 ± 0.9 × 10 ³ /μL	1.5 ± 0.9 × 10 ⁹ /L
	Gran#	0.6 ± 0.2 × 10 ³ /μL	0.6 ± 0.2 × 10 ⁹ /L	5.3 ± 0.7 × 10 ³ /μL	5.3 ± 0.7 × 10 ⁹ /L	17.6 ± 1.7 × 10 ³ /μL	17.6 ± 1.7 × 10 ⁹ /L

* For new software version 01.07.00 or greater.
 Before using, refer to the instruction sheet for mixing directions.

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
 Mindray Building, Keji 12th Road South, Hi-tech Industrial Park, Nanshan, ShenZhen 518057, P.R.China
 Tel: +86 755 26582479 26582888
 Fax: +86 755 26582934 26582500

U.S.Headquarters:
 Mindray North America
 800 Macarthur Blvd., Mahwah, NJ 07430-0619,USA
 Tel: (1-800) 288 2121