

BC-3D**HEMATOLOGY CONTROLS****CONTROL****LOT B0816****2016-11-05**

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low		Normal		High		+
		LOT	B0816L	LOT	B0816N	LOT	B0816H	
BC-3200, BC-3000CT	WBC × 10 ³ /μL		2.1 ± 0.5		7.9 ± 1.0		21.6 ± 2.5	
	RBC × 10 ⁶ /μL		2.34 ± 0.18		4.70 ± 0.24		5.78 ± 0.30	
	HGB g/dL		6.0 ± 0.4		13.6 ± 0.6		18.6 ± 0.8	
	HCT %		17.8 ± 1.5		40.2 ± 2.0		54.6 ± 2.4	
	MCV fL		76.0 ± 5.0		85.5 ± 5.0		94.5 ± 5.0	
	MCH pg		25.6 ± 2.5		28.9 ± 2.5		32.2 ± 2.5	
	MCHC g/dL		33.7 ± 3.0		33.8 ± 3.0		34.1 ± 3.0	
	RDW-CV		15.0 ± 3.0		14.5 ± 3.0		13.5 ± 3.0	
	RDW-SD		36.0 ± 6.0		40.0 ± 6.0		42.0 ± 8.0	
	PLT × 10 ³ /μL		75 ± 20		255 ± 40		510 ± 60	
	MPV fL		8.5 ± 3.0		8.2 ± 3.0		8.2 ± 3.0	
	Lymph %		60.5 ± 12.0		29.5 ± 8.0		13.0 ± 6.0	
	Mid %		9.0 ± 8.0		9.0 ± 7.0		7.0 ± 5.5	
	Gran %		30.5 ± 10.0		61.5 ± 8.0		80.0 ± 8.0	
	Lymph × 10 ³ /μL		1.3 ± 0.3		2.3 ± 0.7		2.8 ± 1.3	
	Mid × 10 ³ /μL		0.2 ± 0.2		0.7 ± 0.6		1.5 ± 1.2	
Gran × 10 ³ /μL		0.6 ± 0.2		4.9 ± 0.7		17.3 ± 1.8		
BC-3000 Plus, BC-2900, BC-1800	WBC × 10 ³ /μL		2.0 ± 0.5		7.7 ± 1.0		20.8 ± 2.5	
	RBC × 10 ⁶ /μL		2.37 ± 0.18		4.68 ± 0.24		5.70 ± 0.30	
	HGB g/dL		5.9 ± 0.4		13.4 ± 0.6		18.2 ± 0.8	
	HCT %		17.9 ± 1.5		40.0 ± 2.0		53.6 ± 2.4	
	MCV fL		75.5 ± 5.0		85.5 ± 5.0		94.0 ± 5.0	
	MCH pg		24.9 ± 2.5		28.6 ± 2.5		31.9 ± 2.5	
	MCHC g/dL		33.0 ± 3.0		33.5 ± 3.0		34.0 ± 3.0	
	RDW-CV		16.5 ± 3.0		15.5 ± 3.0		14.8 ± 3.0	
	RDW-SD		36.3 ± 6.0		38.9 ± 6.0		42.0 ± 8.0	
	PLT × 10 ³ /μL		73 ± 20		250 ± 40		500 ± 60	
	MPV fL		8.4 ± 3.0		8.1 ± 3.0		8.4 ± 3.0	
	PCT % *		0.060 ± 0.050		0.200 ± 0.100		0.420 ± 0.200	
	PDW fL *		16.5 ± 3.0		16.2 ± 3.0		16.2 ± 3.0	
	Lymph %		61.0 ± 12.0		30.0 ± 8.0		12.5 ± 6.0	
	Mid %		9.0 ± 7.0		9.5 ± 7.0		7.5 ± 5.0	
	Gran %		30.0 ± 9.0		60.5 ± 8.0		80.0 ± 8.0	
Lymph × 10 ³ /μL		1.2 ± 0.3		2.3 ± 0.7		2.6 ± 1.3		
Mid × 10 ³ /μL		0.2 ± 0.2		0.7 ± 0.6		1.6 ± 1.1		
Gran × 10 ³ /μL		0.6 ± 0.2		4.7 ± 0.7		16.6 ± 1.7		

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ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low		Normal		High		++
		LOT	B0816L	LOT	B0816N	LOT	B0816H	
BC-2800, BC-2600 (Software version 2.0 or higher)	WBC × 10 ³ /μL		2.0 ± 0.5		7.8 ± 1.0		21.1 ± 2.5	
	RBC × 10 ⁶ /μL		2.28 ± 0.18		4.60 ± 0.24		5.69 ± 0.30	
	HGB g/dL		5.9 ± 0.4		13.7 ± 0.6		18.7 ± 0.8	
	HCT %		17.1 ± 1.5		39.3 ± 2.0		53.2 ± 2.4	
	MCV fL		75.0 ± 5.0		85.5 ± 5.0		93.5 ± 5.0	
	MCH pg		25.9 ± 2.5		29.8 ± 2.5		32.9 ± 2.5	
	MCHC g/dL		34.5 ± 3.0		34.8 ± 3.0		35.1 ± 3.0	
	RDW-CV		16.6 ± 3.0		16.0 ± 3.0		15.3 ± 3.0	
	RDW-SD		42.0 ± 6.0		46.0 ± 6.0		48.0 ± 8.0	
	PLT × 10 ³ /μL		68 ± 20		250 ± 40		515 ± 60	
	MPV fL		9.8 ± 3.0		9.7 ± 3.0		9.8 ± 3.0	
	PCT % *		0.060 ± 0.050		0.240 ± 0.100		0.510 ± 0.200	
	PDW fL *		14.7 ± 3.0		14.8 ± 3.0		14.9 ± 3.0	
	Lymph %		62.0 ± 10.0		32.5 ± 8.0		14.5 ± 7.0	
	Mid %		8.0 ± 6.0		6.5 ± 5.0		5.0 ± 4.0	
	Gran %		30.0 ± 9.0		61.0 ± 9.0		80.5 ± 8.0	
	Lymph × 10 ³ /μL		1.2 ± 0.2		2.5 ± 0.7		3.1 ± 1.5	
	Mid × 10 ³ /μL		0.2 ± 0.2		0.5 ± 0.4		1.1 ± 0.9	
	Gran × 10 ³ /μL		0.6 ± 0.2		4.8 ± 0.8		17.0 ± 1.7	
BC-2300, BC-2100	WBC × 10 ³ /μL		2.0 ± 0.5		7.7 ± 1.0		21.4 ± 2.5	
	RBC × 10 ⁶ /μL		2.29 ± 0.18		4.58 ± 0.24		5.60 ± 0.30	
	HGB g/dL		6.1 ± 0.4		13.5 ± 0.6		18.4 ± 0.8	
	HCT %		16.9 ± 1.5		38.5 ± 2.0		51.5 ± 2.4	
	MCV fL		74.0 ± 5.0		84.0 ± 5.0		92.0 ± 5.0	
	MCH pg		26.6 ± 2.5		29.5 ± 2.5		32.9 ± 2.5	
	MCHC g/dL		36.0 ± 3.0		35.1 ± 3.0		35.7 ± 3.0	
	RDW-CV		14.5 ± 3.0		14.3 ± 3.0		13.5 ± 3.0	
	RDW-SD		33.5 ± 8.0		37.2 ± 8.0		39.3 ± 8.0	
	PLT × 10 ³ /μL		65 ± 20		248 ± 40		545 ± 60	
	MPV fL		10.3 ± 3.0		10.3 ± 3.0		10.5 ± 3.0	
	PCT % *		0.060 ± 0.050		0.260 ± 0.100		0.580 ± 0.200	
	PDW fL *		15.5 ± 3.0		15.0 ± 3.0		15.0 ± 3.0	
	Lymph %		60.5 ± 12.0		32.0 ± 8.0		14.5 ± 7.0	
	Mid %		9.5 ± 9.0		9.0 ± 6.5		7.0 ± 5.0	
	Gran %		30.0 ± 10.0		59.0 ± 9.0		78.5 ± 8.0	
	Lymph × 10 ³ /μL		1.2 ± 0.3		2.5 ± 0.7		3.1 ± 1.5	
	Mid × 10 ³ /μL		0.2 ± 0.2		0.7 ± 0.6		1.5 ± 1.1	
	Gran × 10 ³ /μL		0.6 ± 0.2		4.5 ± 0.7		16.8 ± 1.8	

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HEMATOLOGY CONTROLS

CONTROL

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ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low	Normal	High	+++
		LOT B0816L	LOT B0816N	LOT B0816H	
BC-3600, BC-3300	WBC × 10 ³ /μL	1.9 ± 0.5	7.3 ± 1.0	20.3 ± 2.5	
	RBC × 10 ⁶ /μL	2.37 ± 0.18	4.75 ± 0.24	5.82 ± 0.30	
	HGB g/dL	6.1 ± 0.4	13.5 ± 0.6	18.5 ± 0.8	
	HCT %	17.9 ± 1.5	39.9 ± 2.0	53.3 ± 2.4	
	MCV fL	75.5 ± 5.0	84.0 ± 5.0	91.5 ± 5.0	
	MCH pg	25.7 ± 2.5	28.4 ± 2.5	31.8 ± 2.5	
	MCHC g/dL	34.1 ± 3.0	33.8 ± 3.0	34.7 ± 3.0	
	RDW-CV	16.5 ± 3.0	15.5 ± 3.0	14.8 ± 3.0	
	RDW-SD	36.0 ± 8.0	40.5 ± 8.0	43.5 ± 8.0	
	PLT × 10 ³ /μL	68 ± 20	265 ± 40	540 ± 60	
	MPV fL	9.1 ± 3.0	9.1 ± 3.0	9.5 ± 3.0	
	PCT % *	0.060 ± 0.050	0.250 ± 0.100	0.510 ± 0.200	
	PDW fL *	15.2 ± 3.0	15.5 ± 3.0	15.8 ± 3.0	
	P-LCC	21 ± 10	82 ± 22	176 ± 30	
	P-LCR	31.0 ± 9.0	30.0 ± 9.0	32.5 ± 9.0	
	Lymph %	59.5 ± 9.0	30.5 ± 8.0	14.0 ± 8.0	
	Mid %	11.5 ± 8.0	9.0 ± 7.0	7.0 ± 5.0	
	Gran %	29.0 ± 8.0	60.5 ± 8.0	79.0 ± 9.0	
	Lymph × 10 ³ /μL	1.1 ± 0.2	2.2 ± 0.6	2.8 ± 1.6	
	Mid × 10 ³ /μL	0.2 ± 0.2	0.7 ± 0.6	1.4 ± 1.0	
Gran × 10 ³ /μL	0.6 ± 0.2	4.4 ± 0.6	16.0 ± 1.9		
BC-2800Vet, BC-2600Vet (Software version 2.0 or higher)	WBC × 10 ³ /μL	2.0 ± 0.5	7.8 ± 1.0	21.1 ± 2.5	
	RBC × 10 ⁶ /μL	2.28 ± 0.18	4.60 ± 0.24	5.69 ± 0.30	
	HGB g/dL	5.9 ± 0.4	13.7 ± 0.6	18.7 ± 0.8	
	HCT %	17.1 ± 1.5	39.3 ± 2.0	53.2 ± 2.4	
	MCV fL	75.0 ± 5.0	85.5 ± 5.0	93.5 ± 5.0	
	MCH pg	25.9 ± 2.5	29.8 ± 2.5	32.9 ± 2.5	
	MCHC g/dL	34.5 ± 3.0	34.8 ± 3.0	35.1 ± 3.0	
	PLT × 10 ³ /μL	68 ± 20	250 ± 40	515 ± 60	

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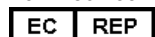
**Mindray**

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 81888998

Fax: +86 755 26582680



Shanghai International Holding Corp. GmbH (Europe)

Eiffestraße 80 20537 Hamburg, Germany

Tel: 0049-40-2513175

Fax: 0049-40-255726