

BC-3D**HEMATOLOGY CONTROLS****CONTROL****LOT B0516****2016-08-05**

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low		Normal		High		+
		LOT	B0516L	LOT	B0516N	LOT	B0516H	
BC-3200, BC-3000CT	WBC × 10 ³ /μL		2.0 ± 0.5		8.6 ± 1.0		21.6 ± 2.5	
	RBC × 10 ⁶ /μL		2.43 ± 0.18		4.63 ± 0.24		5.89 ± 0.30	
	HGB g/dL		6.2 ± 0.4		13.6 ± 0.6		19.2 ± 0.8	
	HCT %		18.6 ± 1.5		40.0 ± 2.0		56.2 ± 2.4	
	MCV fL		76.5 ± 5.0		86.5 ± 5.0		95.5 ± 5.0	
	MCH pg		25.5 ± 2.5		29.4 ± 2.5		32.6 ± 2.5	
	MCHC g/dL		33.4 ± 3.0		34.0 ± 3.0		34.1 ± 3.0	
	RDW-CV		15.0 ± 3.0		14.0 ± 3.0		13.0 ± 3.0	
	RDW-SD		37.0 ± 6.0		39.0 ± 6.0		40.0 ± 8.0	
	PLT × 10 ³ /μL		70 ± 20		257 ± 40		520 ± 60	
	MPV fL		8.2 ± 3.0		8.5 ± 3.0		8.1 ± 3.0	
	Lymph %		58.0 ± 12.0		27.0 ± 8.0		13.0 ± 6.0	
	Mid %		10.0 ± 8.0		9.0 ± 7.0		6.5 ± 5.0	
	Gran %		32.0 ± 10.0		64.0 ± 8.0		80.5 ± 8.0	
	Lymph × 10 ³ /μL		1.2 ± 0.3		2.3 ± 0.7		2.8 ± 1.3	
	Mid × 10 ³ /μL		0.2 ± 0.2		0.8 ± 0.7		1.4 ± 1.1	
Gran × 10 ³ /μL		0.6 ± 0.2		5.5 ± 0.7		17.4 ± 1.8		
BC-3000 Plus, BC-2900, BC-1800	WBC × 10 ³ /μL		1.9 ± 0.5		8.4 ± 1.0		21.2 ± 2.5	
	RBC × 10 ⁶ /μL		2.46 ± 0.18		4.64 ± 0.24		5.88 ± 0.30	
	HGB g/dL		6.2 ± 0.4		13.5 ± 0.6		19.1 ± 0.8	
	HCT %		18.9 ± 1.5		40.6 ± 2.0		56.2 ± 2.4	
	MCV fL		77.0 ± 5.0		87.5 ± 5.0		95.5 ± 5.0	
	MCH pg		25.2 ± 2.5		29.1 ± 2.5		32.5 ± 2.5	
	MCHC g/dL		32.7 ± 3.0		33.3 ± 3.0		34.0 ± 3.0	
	RDW-CV		16.5 ± 3.0		15.5 ± 3.0		14.0 ± 3.0	
	RDW-SD		37.0 ± 6.0		39.0 ± 6.0		39.0 ± 8.0	
	PLT × 10 ³ /μL		68 ± 20		252 ± 40		510 ± 60	
	MPV fL		8.5 ± 3.0		8.5 ± 3.0		8.2 ± 3.0	
	PCT % *		0.050 ± 0.050		0.200 ± 0.100		0.400 ± 0.200	
	PDW fL *		16.8 ± 3.0		16.2 ± 3.0		16.1 ± 3.0	
	Lymph %		57.0 ± 12.0		26.5 ± 8.0		13.0 ± 6.0	
	Mid %		11.0 ± 9.0		9.5 ± 7.0		7.0 ± 5.0	
	Gran %		32.0 ± 10.0		64.0 ± 8.0		80.0 ± 8.0	
Lymph × 10 ³ /μL		1.1 ± 0.3		2.2 ± 0.7		2.8 ± 1.3		
Mid × 10 ³ /μL		0.2 ± 0.2		0.8 ± 0.6		1.5 ± 1.1		
Gran × 10 ³ /μL		0.6 ± 0.2		5.4 ± 0.7		17.0 ± 1.7		

* For Research Use Only

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

All brands and products are trademarks or registered trademarks of their respective companies.

BC-3D**HEMATOLOGY CONTROLS****CONTROL****LOT B0516****2016-08-05**

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low	Normal	High	++
		LOT B0516L	LOT B0516N	LOT B0516H	
BC-2800, BC-2600 (Software version 2.0 or higher)	WBC × 10 ³ /μL	2.0 ± 0.5	8.3 ± 1.0	21.4 ± 2.5	
	RBC × 10 ⁶ /μL	2.39 ± 0.18	4.62 ± 0.24	5.88 ± 0.30	
	HGB g/dL	6.1 ± 0.4	13.5 ± 0.6	19.1 ± 0.8	
	HCT %	18.0 ± 1.5	39.3 ± 2.0	54.7 ± 2.4	
	MCV fL	75.5 ± 5.0	85.0 ± 5.0	93.0 ± 5.0	
	MCH pg	25.5 ± 2.5	29.2 ± 2.5	32.5 ± 2.5	
	MCHC g/dL	33.8 ± 3.0	34.4 ± 3.0	34.9 ± 3.0	
	RDW-CV	16.5 ± 3.0	15.5 ± 3.0	14.5 ± 3.0	
	RDW-SD	42.0 ± 6.0	45.0 ± 6.0	45.0 ± 8.0	
	PLT × 10 ³ /μL	62 ± 20	256 ± 40	530 ± 60	
	MPV fL	9.3 ± 3.0	9.8 ± 3.0	9.5 ± 3.0	
	PCT % *	0.050 ± 0.050	0.250 ± 0.100	0.500 ± 0.200	
	PDW fL *	14.8 ± 3.0	14.9 ± 3.0	14.8 ± 3.0	
	Lymph %	60.0 ± 10.0	30.0 ± 8.0	14.5 ± 7.0	
	Mid %	8.5 ± 6.0	7.0 ± 5.0	5.0 ± 4.0	
	Gran %	31.5 ± 9.0	63.0 ± 9.0	80.5 ± 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	0.6 ± 0.5	1.1 ± 0.9	
Gran × 10 ³ /μL	0.6 ± 0.2	5.2 ± 0.8	17.2 ± 1.8		
BC-2300, BC-2100	WBC × 10 ³ /μL	1.9 ± 5.0	8.3 ± 1.0	21.8 ± 2.5	
	RBC × 10 ⁶ /μL	2.41 ± 0.18	4.55 ± 0.24	5.78 ± 0.30	
	HGB g/dL	6.3 ± 0.4	13.4 ± 0.6	18.9 ± 0.8	
	HCT %	17.8 ± 1.5	38.4 ± 2.0	53.8 ± 2.4	
	MCV fL	74.0 ± 5.0	84.5 ± 5.0	93.0 ± 5.0	
	MCH pg	26.1 ± 2.5	29.5 ± 2.5	32.7 ± 2.5	
	MCHC g/dL	35.3 ± 3.0	34.9 ± 3.0	35.2 ± 3.0	
	RDW-CV	15.0 ± 3.0	14.0 ± 3.0	13.0 ± 3.0	
	RDW-SD	35.0 ± 8.0	37.0 ± 8.0	37.5 ± 8.0	
	PLT × 10 ³ /μL	60 ± 20	256 ± 40	560 ± 60	
	MPV fL	10.0 ± 3.0	10.6 ± 3.0	10.2 ± 3.0	
	PCT % *	0.050 ± 0.050	0.270 ± 0.100	0.580 ± 0.200	
	PDW fL *	14.8 ± 3.0	15.1 ± 3.0	15.0 ± 3.0	
	Lymph %	57.0 ± 12.0	29.5 ± 8.0	14.5 ± 7.0	
	Mid %	11.0 ± 9.0	8.0 ± 6.0	6.5 ± 5.0	
	Gran %	32.0 ± 10.0	62.5 ± 9.0	79.0 ± 8.0	
	Lymph × 10 ³ /μL	1.1 ± 0.3	2.4 ± 0.7	3.2 ± 1.6	
	Mid × 10 ³ /μL	0.2 ± 0.2	0.7 ± 0.6	1.4 ± 1.1	
Gran × 10 ³ /μL	0.6 ± 0.2	5.2 ± 0.8	17.2 ± 1.8		

* For Research Use Only

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

All brands and products are trademarks or registered trademarks of their respective companies.

BC-3D

HEMATOLOGY CONTROLS

CONTROL

LOT B0516


2016-08-05

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low	Normal	High	+++
		LOT B0516L	LOT B0516N	LOT B0516H	
BC-3600, BC-3300	WBC × 10 ³ /μL	1.9 ± 0.5	8.1 ± 1.0	20.7 ± 2.5	
	RBC × 10 ⁶ /μL	2.45 ± 0.18	4.70 ± 0.24	5.92 ± 0.30	
	HGB g/dL	6.2 ± 0.4	13.4 ± 0.6	19.0 ± 0.8	
	HCT %	18.7 ± 1.5	40.2 ± 2.0	55.1 ± 2.4	
	MCV fL	76.5 ± 5.0	85.5 ± 5.0	93.0 ± 5.0	
	MCH pg	25.3 ± 2.5	28.5 ± 2.5	32.1 ± 2.5	
	MCHC g/dL	33.1 ± 3.0	33.3 ± 3.0	34.5 ± 3.0	
	RDW-CV	16.5 ± 3.0	15.5 ± 3.0	14.0 ± 3.0	
	RDW-SD	36.0 ± 8.0	42.5 ± 8.0	44.0 ± 8.0	
	PLT × 10 ³ /μL	62 ± 20	260 ± 40	546 ± 60	
	MPV fL	9.2 ± 3.0	9.5 ± 3.0	9.2 ± 3.0	
	PCT % *	0.050 ± 0.050	0.240 ± 0.100	0.490 ± 0.200	
	PDW fL *	15.2 ± 3.0	15.5 ± 3.0	15.7 ± 3.0	
	P-LCC	20 ± 10	88 ± 22	165 ± 30	
	P-LCR	32.0 ± 9.0	33.5 ± 9.0	30.5 ± 9.0	
	Lymph %	56.5 ± 9.0	28.5 ± 8.0	14.0 ± 8.0	
	Mid %	11.5 ± 8.0	8.5 ± 6.0	6.5 ± 5.0	
	Gran %	32.0 ± 9.0	63.0 ± 8.0	79.5 ± 8.0	
	Lymph × 10 ³ /μL	1.1 ± 0.3	2.3 ± 0.7	2.9 ± 1.7	
	Mid × 10 ³ /μL	0.2 ± 0.2	0.7 ± 0.5	1.3 ± 1.0	
Gran × 10 ³ /μL	0.6 ± 0.2	5.1 ± 0.7	16.5 ± 1.7		
BC-2800Vet, BC-2600Vet (Software version 2.0 or higher)	WBC × 10 ³ /μL	2.0 ± 0.5	8.3 ± 1.0	21.4 ± 2.5	
	RBC × 10 ⁶ /μL	2.39 ± 0.18	4.62 ± 0.24	5.88 ± 0.30	
	HGB g/dL	6.1 ± 0.4	13.5 ± 0.6	19.1 ± 0.8	
	HCT %	18.0 ± 1.5	39.3 ± 2.0	54.7 ± 2.4	
	MCV fL	75.5 ± 5.0	85.0 ± 5.0	93.0 ± 5.0	
	MCH pg	25.5 ± 2.5	29.2 ± 2.5	32.5 ± 2.5	
	MCHC g/dL	33.8 ± 3.0	34.4 ± 3.0	34.9 ± 3.0	
	PLT × 10 ³ /μL	62 ± 20	256 ± 40	530 ± 60	

* For Research Use Only

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

All brands and products are trademarks or registered trademarks of their respective companies.


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