

ASSAY VALUES AND EXPECTED RANGES

LOT B0826
 **2026-11-05**

Instrument	Parameter	Low		Normal		High	
		LOT B0826L		LOT B0826N		LOT B0826H	
		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	1.9 ± 0.5 × 10 ³ /μL	1.9 ± 0.5 × 10 ⁹ /L	7.5 ± 1.0 × 10 ³ /μL	7.5 ± 1.0 × 10 ⁹ /L	20.6 ± 2.5 × 10 ³ /μL	20.6 ± 2.5 × 10 ⁹ /L
	RBC	2.26 ± 0.18 × 10 ⁶ /μL	2.26 ± 0.18 × 10 ¹² /L	4.65 ± 0.24 × 10 ⁶ /μL	4.65 ± 0.24 × 10 ¹² /L	5.69 ± 0.30 × 10 ⁶ /μL	5.69 ± 0.30 × 10 ¹² /L
	HGB	6.0 ± 0.4 g/dL	60 ± 4 g/L	13.7 ± 0.6 g/dL	137 ± 6 g/L	18.8 ± 0.8 g/dL	188 ± 8 g/L
	HCT	17.7 ± 1.5 %	17.7 ± 1.5 %	39.5 ± 2.0 %	39.5 ± 2.0 %	53.2 ± 2.4 %	53.2 ± 2.4 %
	MCV	78.5 ± 5.0 fL	78.5 ± 5.0 fL	85.0 ± 5.0 fL	85.0 ± 5.0 fL	93.5 ± 5.0 fL	93.5 ± 5.0 fL
	MCH	26.5 ± 2.5 pg	26.5 ± 2.5 pg	29.5 ± 2.5 pg	29.5 ± 2.5 pg	33.0 ± 2.5 pg	33.0 ± 2.5 pg
	MCHC	33.8 ± 3.0 g/dL	338 ± 30 g/L	34.7 ± 3.0 g/dL	347 ± 30 g/L	35.3 ± 3.0 g/dL	353 ± 30 g/L
	RDW	15.5 ± 3.0 %	15.5 ± 3.0 %	14.5 ± 3.0 %	14.5 ± 3.0 %	14.0 ± 3.0 %	14.0 ± 3.0 %
	PLT	64 ± 20 × 10 ³ /μL	64 ± 20 × 10 ⁹ /L	242 ± 40 × 10 ³ /μL	242 ± 40 × 10 ⁹ /L	515 ± 60 × 10 ³ /μL	515 ± 60 × 10 ⁹ /L
	MPV	7.3 ± 3.0 fL	7.3 ± 3.0 fL	7.1 ± 3.0 fL	7.1 ± 3.0 fL	7.2 ± 3.0 fL	7.2 ± 3.0 fL
	Lymph	57.0 ± 9.0 %	57.0 ± 9.0 %	28.5 ± 8.0 %	28.5 ± 8.0 %	12.5 ± 8.0 %	12.5 ± 8.0 %
	Mid	10.5 ± 9.0 %	10.5 ± 9.0 %	8.0 ± 6.0 %	8.0 ± 6.0 %	5.0 ± 4.0 %	5.0 ± 4.0 %
	Gran	32.5 ± 9.0 %	32.5 ± 9.0 %	63.5 ± 8.0 %	63.5 ± 8.0 %	82.5 ± 9.0 %	82.5 ± 9.0 %
	Lymph#	1.1 ± 0.2 × 10 ³ /μL	1.1 ± 0.2 × 10 ⁹ /L	2.1 ± 0.6 × 10 ³ /μL	2.1 ± 0.6 × 10 ⁹ /L	2.6 ± 1.7 × 10 ³ /μL	2.6 ± 1.7 × 10 ⁹ /L
	Mid#	0.2 ± 0.2 × 10 ³ /μL	0.2 ± 0.2 × 10 ⁹ /L	0.6 ± 0.5 × 10 ³ /μL	0.6 ± 0.5 × 10 ⁹ /L	1.0 ± 0.9 × 10 ³ /μL	1.0 ± 0.9 × 10 ⁹ /L
	Gran#	0.6 ± 0.2 × 10 ³ /μL	0.6 ± 0.2 × 10 ⁹ /L	4.8 ± 0.6 × 10 ³ /μL	4.8 ± 0.6 × 10 ⁹ /L	17.0 ± 1.9 × 10 ³ /μL	17.0 ± 1.9 × 10 ⁹ /L
BC-3600 CD version lower than 1.8 and/or manufacture date before March of 2015	WBC	1.9 ± 0.5 × 10 ³ /μL	1.9 ± 0.5 × 10 ⁹ /L	7.6 ± 1.0 × 10 ³ /μL	7.6 ± 1.0 × 10 ⁹ /L	20.7 ± 2.5 × 10 ³ /μL	20.7 ± 2.5 × 10 ⁹ /L
	RBC	2.34 ± 0.18 × 10 ⁶ /μL	2.34 ± 0.18 × 10 ¹² /L	4.83 ± 0.24 × 10 ⁶ /μL	4.83 ± 0.24 × 10 ¹² /L	5.87 ± 0.30 × 10 ⁶ /μL	5.87 ± 0.30 × 10 ¹² /L
	HGB	6.1 ± 0.4 g/dL	61 ± 4 g/L	13.5 ± 0.6 g/dL	135 ± 6 g/L	18.4 ± 0.8 g/dL	184 ± 8 g/L
	HCT	18.4 ± 1.5 %	18.4 ± 1.5 %	40.7 ± 2.0 %	40.7 ± 2.0 %	54.9 ± 2.4 %	54.9 ± 2.4 %
	MCV	78.7 ± 5.0 fL	78.7 ± 5.0 fL	84.3 ± 5.0 fL	84.3 ± 5.0 fL	93.5 ± 5.0 fL	93.5 ± 5.0 fL
	MCH	26.1 ± 2.5 pg	26.1 ± 2.5 pg	28.0 ± 2.5 pg	28.0 ± 2.5 pg	31.3 ± 2.5 pg	31.3 ± 2.5 pg
	MCHC	33.1 ± 3.0 g/dL	331 ± 30 g/L	33.2 ± 3.0 g/dL	332 ± 30 g/L	33.5 ± 3.0 g/dL	335 ± 30 g/L
	RDW-CV	17.7 ± 3.0 %	17.7 ± 3.0 %	15.1 ± 3.0 %	15.1 ± 3.0 %	14.6 ± 3.0 %	14.6 ± 3.0 %
	RDW-SD	41.0 ± 8.0 fL	41.0 ± 8.0 fL	41.9 ± 8.0 fL	41.9 ± 8.0 fL	46.0 ± 8.0 fL	46.0 ± 8.0 fL
	PLT	67 ± 20 × 10 ³ /μL	67 ± 20 × 10 ⁹ /L	239 ± 40 × 10 ³ /μL	239 ± 40 × 10 ⁹ /L	501 ± 60 × 10 ³ /μL	501 ± 60 × 10 ⁹ /L
	MPV	8.6 ± 3.0 fL	8.6 ± 3.0 fL	8.2 ± 3.0 fL	8.2 ± 3.0 fL	8.4 ± 3.0 fL	8.4 ± 3.0 fL
	*PCT	0.058 ± 0.050 %	0.058 ± 0.050 %	0.196 ± 0.100 %	0.196 ± 0.100 %	0.421 ± 0.200 %	0.421 ± 0.200 %
	*PDW	15.2 ± 3.0	15.2 ± 3.0	15.6 ± 3.0	15.6 ± 3.0	15.8 ± 3.0	15.8 ± 3.0
	*P-LCC	18 ± 10 × 10 ³ /μL	18 ± 10 × 10 ⁹ /L	57 ± 22 × 10 ³ /μL	57 ± 22 × 10 ⁹ /L	122 ± 30 × 10 ³ /μL	122 ± 30 × 10 ⁹ /L
	*P-LCR	27.4 ± 9.0 %	27.4 ± 9.0 %	23.7 ± 9.0 %	23.7 ± 9.0 %	24.3 ± 9.0 %	24.3 ± 9.0 %
	Lymph	57.7 ± 9.0 %	57.7 ± 9.0 %	29.3 ± 8.0 %	29.3 ± 8.0 %	12.7 ± 8.0 %	12.7 ± 8.0 %
	Mid	11.8 ± 11.8 %	11.8 ± 11.8 %	8.8 ± 8.8 %	8.8 ± 8.8 %	5.5 ± 5.5 %	5.5 ± 5.5 %
	Gran	30.5 ± 10.0 %	30.5 ± 10.0 %	61.9 ± 8.0 %	61.9 ± 8.0 %	81.8 ± 9.0 %	81.8 ± 9.0 %
	Lymph#	1.1 ± 0.2 × 10 ³ /μL	1.1 ± 0.2 × 10 ⁹ /L	2.2 ± 0.6 × 10 ³ /μL	2.2 ± 0.6 × 10 ⁹ /L	2.6 ± 1.7 × 10 ³ /μL	2.6 ± 1.7 × 10 ⁹ /L
	Mid#	0.2 ± 0.2 × 10 ³ /μL	0.2 ± 0.2 × 10 ⁹ /L	0.7 ± 0.7 × 10 ³ /μL	0.7 ± 0.7 × 10 ⁹ /L	1.1 ± 1.1 × 10 ³ /μL	1.1 ± 1.1 × 10 ⁹ /L
	Gran#	0.6 ± 0.2 × 10 ³ /μL	0.6 ± 0.2 × 10 ⁹ /L	4.7 ± 0.6 × 10 ³ /μL	4.7 ± 0.6 × 10 ⁹ /L	17.0 ± 1.9 × 10 ³ /μL	17.0 ± 1.9 × 10 ⁹ /L

* 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