

CBC-3D[®]

For MINDRAY
HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT	B0526
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2026-08-05

Instrument	Parameter	Low		Normal		High		+
		LOT	B0526L	LOT	B0526N	LOT	B0526H	
MINDRAY BC-3000 Plus, BC-2900, BC-1800	WBC 10 ³ /uL		2.2 ± 0.5		8.1 ± 1.0		21.5 ± 2.5	
	RBC 10 ⁶ /uL		2.26 ± 0.18		4.78 ± 0.24		5.71 ± 0.30	
	HGB g/dL		5.9 ± 0.4		14.1 ± 0.6		18.7 ± 0.8	
	HCT %		17.5 ± 2.0		41.0 ± 2.4		53.6 ± 3.0	
	MCV fL		77.6 ± 5.0		85.7 ± 5.0		93.8 ± 5.0	
	MCH pg		26.1 ± 2.5		29.5 ± 2.5		32.7 ± 2.5	
	MCHC g/dL		33.6 ± 3.0		34.4 ± 3.0		34.9 ± 3.0	
	RDW-CV		17.2 ± 3.0		15.5 ± 3.0		15.3 ± 3.0	
	RDW-SD		45.5 ± 6.0		44.8 ± 6.0		47.9 ± 8.0	
	PLT 10 ³ /uL		70 ± 20		258 ± 40		491 ± 60	
	MPV fL		8.0 ± 3.0		7.6 ± 3.0		7.4 ± 3.0	
	PCT % *		0.056 ± 0.050		0.196 ± 0.100		0.363 ± 0.200	
	PDW fL *		16.6 ± 3.0		15.8 ± 3.0		15.7 ± 3.0	
	Lymph%		59.3 ± 12.0		27.7 ± 8.0		12.5 ± 6.0	
	Mid%		10.4 ± 9.0		9.4 ± 8.0		4.1 ± 3.0	
	Gran%		30.3 ± 9.0		62.9 ± 7.0		83.4 ± 8.0	
	Lymph x 10 ³ /uL		1.3 ± 0.3		2.2 ± 0.7		2.7 ± 1.3	
	Mid x 10 ³ /uL		0.2 ± 0.2		0.8 ± 0.7		0.9 ± 0.7	
	Gran x 10 ³ /uL		0.7 ± 0.2		5.1 ± 0.6		17.9 ± 1.8	
MINDRAY BC-2800, BC-2600 BC-2800Vet**, BC-2600Vet** (Software version 2.0 or higher)	WBC 10 ³ /uL		2.1 ± 0.5		7.8 ± 1.0		21.2 ± 2.5	
	RBC 10 ⁶ /uL		2.19 ± 0.18		4.73 ± 0.24		5.71 ± 0.30	
	HGB g/dL		5.9 ± 0.4		14.1 ± 0.6		18.7 ± 0.8	
	HCT %		16.8 ± 2.0		40.4 ± 2.4		54.0 ± 3.0	
	MCV fL		76.9 ± 5.0		85.5 ± 5.0		94.5 ± 5.0	
	MCH pg		26.9 ± 2.5		29.8 ± 2.5		32.7 ± 2.5	
	MCHC g/dL		35.0 ± 3.0		34.9 ± 3.0		34.7 ± 3.0	
	RDW-CV		16.2 ± 3.0		14.9 ± 3.0		14.3 ± 3.0	
	RDW-SD		41.6 ± 6.0		42.8 ± 6.0		45.5 ± 8.0	
	PLT 10 ³ /uL		59 ± 20		256 ± 40		482 ± 60	
	MPV fL		9.3 ± 3.0		9.2 ± 3.0		9.0 ± 3.0	
	PCT % *		0.055 ± 0.050		0.236 ± 0.100		0.434 ± 0.200	
	PDW fL *		15.1 ± 3.0		14.7 ± 3.0		14.7 ± 3.0	
	Lymph%		62.2 ± 12.0		29.7 ± 8.0		13.6 ± 7.0	
	Mid%		8.5 ± 7.0		7.1 ± 6.0		3.8 ± 3.0	
	Gran%		29.3 ± 10.0		63.2 ± 9.0		82.6 ± 8.0	
	Lymph x 10 ³ /uL		1.3 ± 0.3		2.3 ± 0.7		2.9 ± 1.5	
	Mid x 10 ³ /uL		0.2 ± 0.2		0.6 ± 0.5		0.8 ± 0.7	
	Gran x 10 ³ /uL		0.6 ± 0.2		4.9 ± 0.7		17.5 ± 1.7	

*For Research Use Only

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

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HEMATOLOGY CONTROLS**CONTROL**

ASSAY VALUES AND EXPECTED RANGES

LOT B0526**2026-08-05**

Instrument	Parameter	Low	Normal	High	++
		LOT B0526L	LOT B0526N	LOT B0526H	
MINDRAY BC-20s, BC-21s BC-30, BC-30s, BC-30e BC-31, BC-31s	WBC 10 ³ /uL	2.2 ± 0.5	7.9 ± 1.0	21.6 ± 2.5	
	RBC 10 ⁶ /uL	2.16 ± 0.18	4.65 ± 0.24	5.59 ± 0.30	
	HGB g/dL	5.9 ± 0.4	14.1 ± 0.6	18.5 ± 0.8	
	HCT %	17.2 ± 2.0	40.4 ± 2.4	52.9 ± 3.0	
	MCV fL	79.7 ± 5.0	86.8 ± 5.0	94.6 ± 5.0	
	MCH pg	27.3 ± 2.5	30.3 ± 2.5	33.1 ± 2.5	
	MCHC g/dL	34.3 ± 3.0	34.9 ± 3.0	35.0 ± 3.0	
	RDW-CV	16.9 ± 3.0	15.4 ± 3.0	14.9 ± 3.0	
	RDW-SD	48.3 ± 8.0	47.2 ± 8.0	49.8 ± 8.0	
	PLT 10 ³ /uL	61 ± 20	265 ± 40	540 ± 60	
	MPV fL	8.2 ± 3.0	8.5 ± 3.0	8.4 ± 3.0	
	PCT % *	0.050 ± 0.050	0.225 ± 0.100	0.454 ± 0.200	
	PDW fL*	16.0 ± 3.0	16.2 ± 3.0	16.5 ± 3.0	
	P-LCC	12 ± 10	51 ± 22	100 ± 30	
	P-LCR	18.9 ± 9.0	19.1 ± 9.0	18.6 ± 9.0	
	Lymph%	65.7 ± 12.0	31.1 ± 8.0	12.6 ± 8.0	
	Mid%	6.1 ± 5.0	6.8 ± 5.0	5.1 ± 4.0	
	Gran%	28.2 ± 12.0	62.1 ± 8.0	82.3 ± 9.0	
	Lymph x 10 ³ /uL	1.4 ± 0.3	2.5 ± 0.7	2.7 ± 1.8	
	Mid x 10 ³ /uL	0.1 ± 0.1	0.5 ± 0.4	1.1 ± 0.9	
	Gran x 10 ³ /uL	0.7 ± 0.3	4.9 ± 0.7	17.8 ± 2.0	
MINDRAY BC-3600, BC-3300	WBC 10 ³ /uL	2.1 ± 0.5	7.9 ± 1.0	21.2 ± 2.5	
	RBC 10 ⁶ /uL	2.29 ± 0.18	4.89 ± 0.24	5.82 ± 0.30	
	HGB g/dL	6.0 ± 0.4	14.0 ± 0.6	18.4 ± 0.8	
	HCT %	18.0 ± 2.0	41.6 ± 2.4	54.3 ± 3.0	
	MCV fL	78.5 ± 5.0	85.0 ± 5.0	93.3 ± 5.0	
	MCH pg	26.2 ± 2.5	28.6 ± 2.5	31.6 ± 2.5	
	MCHC g/dL	33.4 ± 3.0	33.7 ± 3.0	33.9 ± 3.0	
	RDW-CV	17.3 ± 3.0	15.6 ± 3.0	14.9 ± 3.0	
	RDW-SD	40.5 ± 8.0	42.5 ± 8.0	46.2 ± 8.0	
	PLT 10 ³ /uL	64 ± 20	257 ± 40	495 ± 60	
	MPV fL	8.3 ± 3.0	8.5 ± 3.0	8.4 ± 3.0	
	PCT % *	0.053 ± 0.050	0.218 ± 0.100	0.416 ± 0.200	
	PDW fL*	15.4 ± 3.0	15.7 ± 3.0	15.9 ± 3.0	
	P-LCC	16 ± 10	66 ± 22	121 ± 30	
	P-LCR	24.8 ± 9.0	25.5 ± 9.0	24.4 ± 9.0	
	Lymph%	60.8 ± 9.0	29.1 ± 8.0	12.7 ± 8.0	
	Mid%	10.1 ± 10.1	8.5 ± 8.5	3.5 ± 3.5	
	Gran%	29.1 ± 10.0	62.4 ± 8.0	83.8 ± 9.0	
	Lymph x 10 ³ /uL	1.3 ± 0.2	2.3 ± 0.7	2.7 ± 1.7	
	Mid x 10 ³ /uL	0.2 ± 0.2	0.7 ± 0.7	0.7 ± 0.7	
	Gran x 10 ³ /uL	0.6 ± 0.2	4.9 ± 0.7	17.8 ± 2.0	

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** All parameters not available on VET analyzers

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