


# CBC-3D<sup>®</sup>

for MINDRAY  
HEMATOLOGY CONTROLS

<b>CONTROL</b>
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## ASSAY VALUES AND EXPECTED RANGES

<b>LOT</b>	<b>B0525</b>
	<b>2025-08-05</b>

Instrument	Parameter	Low	Normal	High
		<b>LOT</b> B0525L	<b>LOT</b> B0525N	<b>LOT</b> B0525H
<b>Mindray BC-3600</b>	WBC 10 <sup>3</sup> /uL	1.9 ± 0.5	7.9 ± 1.0	21.2 ± 2.5
CD version	RBC 10 <sup>6</sup> /uL	2.22 ± 0.18	4.72 ± 0.24	5.82 ± 0.30
1.8(FDA) or greater	HGB g/dL	6.0 ± 0.4	14.0 ± 0.6	19.4 ± 0.8
	HCT %	18.0 ± 1.5	40.6 ± 2.0	55.0 ± 2.4
	MCV fL	81.0 ± 5.0	86.0 ± 5.0	94.5 ± 5.0
	MCH pg	27.0 ± 2.5	29.7 ± 2.5	33.3 ± 2.5
	MCHC g/dL	33.4 ± 3.0	34.5 ± 3.0	35.3 ± 3.0
	RDW-CV	15.5 ± 3.0	14.0 ± 3.0	13.5 ± 3.0
	PLT 10 <sup>3</sup> /uL	68 ± 20	252 ± 40	524 ± 60
	MPV fL	7.2 ± 3.0	7.1 ± 3.0	7.1 ± 3.0
	LYM %	58.0 ± 9.0	27.5 ± 8.0	13.0 ± 8.0
	MONO %	11.5 ± 9.0	6.5 ± 5.0	3.0 ± 2.5
	GR %	30.5 ± 9.0	66.0 ± 8.0	84.0 ± 9.0
	LYM x 10 <sup>3</sup> /uL	1.1 ± 0.2	2.2 ± 0.7	2.8 ± 1.8
	MONO x 10 <sup>3</sup> /uL	0.2 ± 0.2	0.5 ± 0.4	0.6 ± 0.5
	GR x 10 <sup>3</sup> /uL	0.6 ± 0.2	5.2 ± 0.7	17.8 ± 1.9
<b>MINDRAY BC-3200</b>	WBC 10 <sup>3</sup> /uL	2.2 ± 0.5	8.6 ± 1.0	22.4 ± 2.5
	RBC 10 <sup>6</sup> /uL	2.30 ± 0.18	4.77 ± 0.24	5.84 ± 0.30
	HGB g/dL	6.2 ± 0.4	14.0 ± 0.6	19.1 ± 0.8
	HCT %	18.3 ± 1.5	41.3 ± 2.0	55.9 ± 2.4
	MCV fL	79.5 ± 5.0	86.5 ± 5.0	95.8 ± 5.0
	MCH pg	27.0 ± 2.5	29.4 ± 2.5	32.7 ± 2.5
	MCHC g/dL	33.9 ± 3.0	33.9 ± 3.0	34.1 ± 3.0
	*RDW-CV	15.7 ± 3.0	14.4 ± 3.0	13.6 ± 3.0
	PLT 10 <sup>3</sup> /uL	80 ± 20	262 ± 40	510 ± 60
	*MPV fL	7.9 ± 3.0	7.2 ± 3.0	7.1 ± 3.0
	LYM %	50.5 ± 12.0	26.5 ± 8.0	14.0 ± 6.0
	*MONO %	14.5 ± 10.0	8.0 ± 7.0	8.0 ± 7.0
	GR %	35.0 ± 9.0	65.5 ± 8.0	78.0 ± 9.0
	LYM x 10 <sup>3</sup> /uL	1.1 ± 0.3	2.3 ± 0.7	3.1 ± 1.4
	*MONO x 10 <sup>3</sup> /uL	0.3 ± 0.3	0.7 ± 0.7	1.8 ± 1.6
	GR x 10 <sup>3</sup> /uL	0.8 ± 0.3	5.6 ± 0.7	17.5 ± 2.1

\*For new software version 01.07.00.

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