

CBC-3D[®]

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES
QCP DATA MONTHS: **MAY, JUNE, JULY**

LOT **B0525**
 **2025-08-05**

Instrument	Parameter	Low		Normal		High	
		LOT	B0525L	LOT	B0525N	LOT	B0525H
Abbott CELL-DYN [®] Emerald	WBC × 10 ³ /μL		2.1 ± 0.5		7.7 ± 1.0		19.8 ± 2.5
	RBC × 10 ⁶ /μL		2.20 ± 0.18		4.59 ± 0.24		5.55 ± 0.30
	HGB g/dL		6.0 ± 0.4		13.8 ± 0.6		18.3 ± 0.8
	HGB g/L		60 ± 4		138 ± 6		183 ± 8
	HGB mmol/L		3.7 ± 0.3		8.6 ± 0.5		11.3 ± 0.7
	HCT %		18.4 ± 1.5		40.6 ± 2.4		53.3 ± 3.0
	HCT L/L		0.184 ± 0.015		0.406 ± 0.024		0.533 ± 0.030
	MCV fL		83.5 ± 5.0		88.5 ± 5.0		96.0 ± 5.0
	MCH pg		27.3 ± 2.5		30.1 ± 2.8		33.0 ± 2.8
	MCH fmol		1.69 ± 0.16		1.86 ± 0.17		2.04 ± 0.19
	MCHC g/dL		32.7 ± 3.0		34.0 ± 3.0		34.3 ± 3.0
	MCHC g/L		327 ± 30		340 ± 30		343 ± 30
	MCHC mmol/L		20.3 ± 2.0		21.1 ± 2.0		21.3 ± 2.0
	RDW %		14.5 ± 3.0		13.5 ± 3.0		12.5 ± 3.0
	PLT × 10 ³ /μL		72 ± 20		264 ± 40		502 ± 60
	MPV fL		7.7 ± 3.0		7.3 ± 3.0		7.1 ± 3.0
	LY%		50.0 ± 8.0		24.0 ± 8.0		14.0 ± 6.0
	MO%		13.5 ± 7.0		7.0 ± 7.0		3.0 ± 3.0
	GR%		36.5 ± 8.0		69.0 ± 8.0		83.0 ± 8.0
	LY × 10 ³ /μL		1.1 ± 0.2		1.8 ± 0.7		2.8 ± 1.2
	MO × 10 ³ /μL		0.3 ± 0.2		0.5 ± 0.5		0.6 ± 0.6
	GR × 10 ³ /μL		0.8 ± 0.2		5.3 ± 0.7		16.4 ± 1.6

WBC Differential alarms may occur with control material. This will not affect the validity of results.

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

For technical assistance in the USA and Canada call Technical Service at (800) 523-3395.

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