



**Günter
Keul GmbH**

AS739-000

CBC-3D[®]

For Zybio
HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT B0826



2026-11-05

Instrument Model	Parameter	Low		Normal		High	
		LOT	B0826L	LOT	B0826N	LOT	B0826H
Z3, Z3 CRP Z30, Z30 CRP Z31, Z31 CRP	WBC $10^9/L$		2.00 $\pm$ 0.50		7.85 $\pm$ 1.00		21.70 $\pm$ 2.50
	Lym# $10^9/L$		1.16 $\pm$ 0.24		2.36 $\pm$ 1.02		3.15 $\pm$ 1.31
	Mid# $10^9/L$		0.18 $\pm$ 0.18		0.51 $\pm$ 0.51		0.98 $\pm$ 0.98
	Gran# $10^9/L$		0.66 $\pm$ 0.19		4.98 $\pm$ 0.99		17.58 $\pm$ 1.74
	Lym% %		58.0 $\pm$ 12.0		30.0 $\pm$ 13.0		14.5 $\pm$ 6.0
	Mid% %		9.0 $\pm$ 9.0		6.5 $\pm$ 6.5		4.5 $\pm$ 4.5
	Gran% %		33.0 $\pm$ 9.5		63.5 $\pm$ 12.5		81.0 $\pm$ 8.0
	RBC $10^{12}/L$		2.29 $\pm$ 0.18		4.69 $\pm$ 0.26		5.65 $\pm$ 0.35
	HGB g/L		61 $\pm$ 4		140 $\pm$ 6		191 $\pm$ 8
	HCT %		18.3 $\pm$ 1.6		41.5 $\pm$ 3.8		55.4 $\pm$ 4.0
	MCV fL		80.0 $\pm$ 5.0		88.5 $\pm$ 5.0		98.0 $\pm$ 5.0
	MCH pg		26.6 $\pm$ 2.0		29.9 $\pm$ 2.2		33.8 $\pm$ 2.5
	MCHC g/L		333 $\pm$ 25		337 $\pm$ 25		345 $\pm$ 30
	RDW-CV %		18.0 $\pm$ 3.0		16.0 $\pm$ 3.0		15.0 $\pm$ 3.0
	RDW-SD fL		48.5 $\pm$ 10.0		47.0 $\pm$ 10.0		49.5 $\pm$ 10.0
	PLT $10^9/L$		70 $\pm$ 20		260 $\pm$ 45		525 $\pm$ 65
	MPV fL		9.4 $\pm$ 3.0		9.2 $\pm$ 3.0		9.4 $\pm$ 3.0
	PDW fL		16.0 $\pm$ 3.0		16.5 $\pm$ 3.0		16.5 $\pm$ 3.0
	PCT %		0.065 $\pm$ 0.050		0.230 $\pm$ 0.100		0.485 $\pm$ 0.250
	P-LCC $10^9/L$		11 $\pm$ 7		52 $\pm$ 26		110 $\pm$ 52
	P-LCR %		16.0 $\pm$ 10.0		20.0 $\pm$ 10.0		21.0 $\pm$ 10.0

Notes: Before using, refer to the instruction sheet for mixing directions. CBC-3D for Zybio has 14-day open vial stability.

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