


# CBC-ST Plus

## HEMATOLOGY CONTROLS

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

<b>LOT</b>	<b>ST1224</b>
	<b>2025-03-05</b>

QCP DATA MONTHS: **DECEMBER, JANUARY, FEBRUARY**

Instrument	Parameter	Low		Normal		High	
		<b>LOT</b>	<b>ST1224L</b>	<b>LOT</b>	<b>ST1224N</b>	<b>LOT</b>	<b>ST1224H</b>
<b>SYSMEX™ KX-21/KX-21N</b>	WBC × 10 <sup>3</sup> /μL		2.8 ± 0.4		7.9 ± 0.8		20.2 ± 2.4
	RBC × 10 <sup>6</sup> /μL		2.46 ± 0.16		4.10 ± 0.22		5.81 ± 0.28
	HGB g/dL		6.4 ± 0.4		12.1 ± 0.5		18.7 ± 0.7
	HGB g/L		64 ± 4		121 ± 5		187 ± 7
	HGB mmol/L		4.0 ± 0.2		7.5 ± 0.3		11.6 ± 0.5
	HCT %		18.2 ± 1.8		33.2 ± 2.4		52.0 ± 3.0
	HCT L/L		0.182 ± 0.018		0.332 ± 0.024		0.520 ± 0.030
	MCV fL		74.0 ± 5.0		81.0 ± 5.0		89.5 ± 5.0
	MCH pg		26.0 ± 2.8		29.5 ± 2.0		32.2 ± 2.0
	MCH fmol		1.61 ± 0.18		1.83 ± 0.16		2.00 ± 0.16
	MCHC g/dL		35.2 ± 3.6		36.4 ± 2.8		36.0 ± 2.8
	MCHC g/L		352 ± 36		364 ± 28		360 ± 28
	MCHC mmol/L		21.8 ± 2.3		22.6 ± 1.8		22.3 ± 1.8
	RDW-SD fL		36.0 ± 8.0		34.5 ± 8.0		39.5 ± 8.0
	RDW-CV %		13.0 ± 5.0		11.5 ± 5.0		10.0 ± 5.0
	PLT × 10 <sup>3</sup> /μL		62 ± 18		209 ± 30		412 ± 60
	MPV fL		8.5 ± 3.0		8.5 ± 3.0		8.6 ± 3.0
	W-SCR (LYMPH) %		13.5 ± 4.0		31.5 ± 4.0		63.0 ± 7.0
	W-MCR (MXD) %		18.0 ± 5.0		17.0 ± 4.0		14.5 ± 4.0
	W-LCR (NEUT) %		68.5 ± 7.0		51.5 ± 5.0		22.5 ± 5.0
W-SCC (LYMPH) × 10 <sup>3</sup> /μL		0.4 ± 0.2		2.5 ± 0.6		12.7 ± 3.1	
W-MCC (MXD) × 10 <sup>3</sup> /μL		0.5 ± 0.2		1.3 ± 0.5		2.9 ± 1.3	
W-LCC (NEUT) × 10 <sup>3</sup> /μL		1.9 ± 0.5		4.1 ± 0.8		4.5 ± 1.7	

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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