

# CBC-X


## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®F580 (manual sampling)

QCP DATA MONTHS: APRIL, MAY

 2026-05-25

Parameters	LOW <span style="border: 1px solid black; padding: 2px;">LOT</span> 26030801		NORMAL <span style="border: 1px solid black; padding: 2px;">LOT</span> 26030802		HIGH <span style="border: 1px solid black; padding: 2px;">LOT</span> 26030803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 <sup>9</sup> /L)	3.81±0.90		2.91~4.71	7.67±1.80		5.87~9.47	19.69±3.00		16.69~22.69
RBC (10 <sup>12</sup> /L)	2.27±0.15		2.12~2.42	4.63±0.20		4.43~4.83	5.70±0.30		5.40~6.00
HGB (g/L)	60±4		56~64	131±6		125~137	173±8		165~181
MCV (fL)	79.7±5.0		74.7~84.7	84.7±5.0		79.7~89.7	90.9±5.0		85.9~95.9
MCH (pg)	26.4±3.0		23.4~29.4	28.3±3.0		25.3~31.3	30.4±3.0		27.4~33.4
MCHC (g/L)	331±30		301~361	334±30		304~364	334±30		304~364
RDW-CV (%)	13.6±5.0		8.6~18.6	12.7±5.0		7.7~17.7	12.5±5.0		7.5~17.5
RDW-SD (fL)	34.5±10.0		24.5~44.5	35.5±10.0		25.5~45.5	37.9±10.0		27.9~47.9
HCT (%)	18.1±2.0		16.1~20.1	39.2±2.5		36.7~41.7	51.8±3.0		48.8~54.8
PLT (10 <sup>9</sup> /L)	54±20		34~74	209±40		169~249	375±65		310~440
MPV (fL)	7.6±3.0		4.6~10.6	7.9±3.0		4.9~10.9	8.7±3.0		5.7~11.7
NEUT# (10 <sup>9</sup> /L)	2.50±0.60		1.90~3.10	4.33±0.80		3.53~5.13	13.24±2.50		10.74~15.74
NEUT%	65.5±10.0		55.5~75.5	56.4±10.0		46.4~66.4	67.2±10.0		57.2~77.2
LYMPH# (10 <sup>9</sup> /L)	0.40±0.40		0.00~0.80	1.49±0.80		0.69~2.29	3.30±1.00		2.30~4.30
LYMPH%	10.5±8.0		2.5~18.5	19.4±8.0		11.4~27.4	16.8±8.0		8.8~24.8
MONO# (10 <sup>9</sup> /L)	0.20±0.20		0.00~0.40	0.30±0.30		0.00~0.60	0.60±0.60		0.00~1.20
MONO%	5.3±5.3		0.0~10.6	3.9±3.9		0.0~7.8	3.0±3.0		0.0~6.0
EO# (10 <sup>9</sup> /L)	0.62±0.40		0.22~1.02	1.07±0.60		0.47~1.67	1.81±1.50		0.31~3.31
EO%	16.3±7.0		9.3~23.3	14.0±7.0		7.0~21.0	9.2±7.0		2.2~16.2
BASO-O# (10 <sup>9</sup> /L)	0.09±0.09		0.00~0.18	0.48±0.48		0.00~0.96	0.74±0.74		0.00~1.48
BASO-O %	2.4±2.4		0.0~4.8	6.3±6.3		0.0~12.6	3.8±3.8		0.0~7.6

- NOTES:**
1. Before using, confirm the software for the latest version, refer to the instruction sheet for mixing directions, and choice the QC mode.
  2. Occasionally leukocyte cell populations are incorrectly identified. If this occurs, please rerun the sample.
  3. All brands and products are trademarks or registered trademarks of their respective companies, All results are for reference only.