

# CBC-X


## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: MAY, JUNE

 2024-07-05

Parameters	LOW <input type="text" value="LOT"/> 24050801			NORMAL <input type="text" value="LOT"/> 24050802			HIGH <input type="text" value="LOT"/> 24050803		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 <sup>9</sup> /L)	3.59±0.90		2.69~4.49	7.44±1.80		5.64~9.24	18.99±3.00		15.99~21.99
RBC (10 <sup>12</sup> /L)	2.31±0.15		2.16~2.46	4.54±0.20		4.34~4.74	5.47±0.30		5.17~5.77
HGB (g/L)	61±4		57~65	133±6		127~139	175±8		167~183
MCV (fL)	74.7±5.0		69.7~79.7	83.5±5.0		78.5~88.5	90.7±5.0		85.7~95.7
MCH (pg)	26.4±3.0		23.4~29.4	29.2±3.0		26.2~32.2	31.9±3.0		28.9~34.9
MCHC (g/L)	354±30		324~384	350±30		320~380	352±30		322~382
RDW-CV (%)	12.9±5.0		7.9~17.9	12.5±5.0		7.5~17.5	12.1±5.0		7.1~17.1
RDW-SD (fL)	33.9±10.0		23.9~43.9	37.3±10.0		27.3~47.3	39.7±10.0		29.7~49.7
HCT (%)	17.3±2.0		15.3~19.3	37.9±2.5		35.4~40.4	49.6±3.0		46.6~52.6
PLT (10 <sup>9</sup> /L)	43±20		23~63	220±40		180~260	446±65		381~511
MPV (fL)	8.7±3.0		5.7~11.7	9.7±3.0		6.7~12.7	9.5±3.0		6.5~12.5
NEUT# (10 <sup>9</sup> /L)	2.53±0.60		1.93~3.13	5.09±0.80		4.29~5.89	14.48±2.50		11.98~16.98
NEUT%	70.4±10.0		60.4~80.4	68.5±10.0		58.5~78.5	76.3±10.0		66.3~86.3
LYMPH# (10 <sup>9</sup> /L)	0.40±0.40		0.00~0.80	1.20±0.80		0.40~2.00	2.53±1.00		1.53~3.53
LYMPH%	11.1±8.0		3.1~19.1	16.2±8.0		8.2~24.2	13.3±8.0		5.3~21.3
MONO# (10 <sup>9</sup> /L)	0.16±0.16		0.00~0.32	0.26±0.26		0.00~0.52	0.63±0.63		0.00~1.26
MONO%	4.5±4.5		0.0~9.0	3.5±3.5		0.0~7.0	3.3±3.3		0.0~6.6
EO# (10 <sup>9</sup> /L)	0.42±0.40		0.02~0.82	0.70±0.60		0.10~1.30	0.89±0.89		0.00~1.78
EO%	11.8±7.0		4.8~18.8	9.4±7.0		2.4~16.4	4.7±4.7		0.0~9.4
BASO-O# (10 <sup>9</sup> /L)	0.08±0.08		0.00~0.16	0.18±0.18		0.00~0.36	0.46±0.46		0.00~0.92
BASO-O %	2.2±2.2		0.0~4.4	2.5±2.5		0.0~5.0	2.4±2.4		0.0~4.8

- 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.