

# CBC-X


## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: **AUGUST, SEPTEMBER**

 2025-09-25

Parameters	LOW <span style="border: 1px solid black; padding: 2px;">LOT</span> 25070801		NORMAL <span style="border: 1px solid black; padding: 2px;">LOT</span> 25070802		HIGH <span style="border: 1px solid black; padding: 2px;">LOT</span> 25070803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 <sup>9</sup> /L)	3.65±0.90		2.75~4.55	7.51±1.80		5.71~9.31	19.01±3.00		16.01~22.01
RBC (10 <sup>12</sup> /L)	2.26±0.15		2.11~2.41	4.66±0.20		4.46~4.86	5.64±0.30		5.34~5.94
HGB (g/L)	57±4		53~61	129±6		123~135	171±8		163~179
MCV (fL)	75.5±5.0		70.5~80.5	83.6±5.0		78.6~88.6	89.8±5.0		84.8~94.8
MCH (pg)	25.3±3.0		22.3~28.3	27.7±3.0		24.7~30.7	30.3±3.0		27.3~33.3
MCHC (g/L)	335±30		305~365	332±30		302~362	338±30		308~368
RDW-CV (%)	12.8±5.0		7.8~17.8	11.4±5.0		6.4~16.4	11.0±5.0		6.0~16.0
RDW-SD (fL)	34.3±10.0		24.3~44.3	35.3±10.0		25.3~45.3	36.9±10.0		26.9~46.9
HCT (%)	17.1±2.0		15.1~19.1	38.9±2.5		36.4~41.4	50.7±3.0		47.7~53.7
PLT (10 <sup>9</sup> /L)	47±20		27~67	239±40		199~279	472±65		407~537
MPV (fL)	9.0±3.0		6.0~12.0	8.9±3.0		5.9~11.9	9.3±3.0		6.3~12.3
NEUT# (10 <sup>9</sup> /L)	2.42±0.60		1.82~3.02	4.58±0.80		3.78~5.38	13.81±2.50		11.31~16.31
NEUT%	66.2±10.0		56.2~76.2	60.9±10.0		50.9~70.9	72.6±10.0		62.6~82.6
LYMPH# (10 <sup>9</sup> /L)	0.40±0.40		0.00~0.80	1.65±0.80		0.85~2.45	2.65±1.00		1.65~3.65
LYMPH%	11.0±8.0		3.0~19.0	22.0±8.0		14.0~30.0	13.9±8.0		5.9~21.9
MONO# (10 <sup>9</sup> /L)	0.24±0.24		0.00~0.48	0.28±0.28		0.00~0.56	0.45±0.45		0.00~0.90
MONO%	6.6±6.6		0.0~13.2	3.7±3.7		0.0~7.4	2.4±2.4		0.0~4.8
EO# (10 <sup>9</sup> /L)	0.48±0.40		0.08~0.88	0.68±0.60		0.08~1.28	1.67±1.50		0.17~3.17
EO%	13.2±7.0		6.2~20.2	9.1±7.0		2.1~16.1	8.8±7.0		1.8~15.8
BASO-O# (10 <sup>9</sup> /L)	0.11±0.11		0.00~0.22	0.32±0.32		0.00~0.64	0.43±0.43		0.00~0.86
BASO-O %	3.0±3.0		0.0~6.0	4.3±4.3		0.0~8.6	2.3±2.3		0.0~4.6

- 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.