

# CBC-X

## HEMATOLOGY CONTROLS

### ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: JANUARY, FEBRUARY

2025-03-05

Parameters	LOW LOT 25010801		NORMAL LOT 25010802		HIGH LOT 25010803	
	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
WBC (10 <sup>9</sup> /L)	3.71±0.90	2.81~4.61	7.49±1.80	5.69~9.29	19.16±3.00	16.16~22.16
RBC (10 <sup>12</sup> /L)	2.32±0.15	2.17~2.47	4.64±0.20	4.44~4.84	5.42±0.30	5.12~5.72
HGB (g/L)	59±4	55~63	134±6	128~140	173±8	165~181
MCV (fL)	71.8±5.0	66.8~76.8	81.7±5.0	76.7~86.7	89.9±5.0	84.9~94.9
MCH (pg)	25.5±3.0	22.5~28.5	28.9±3.0	25.9~31.9	32.0±3.0	29.0~35.0
MCHC (g/L)	355±30	325~385	354±30	324~384	356±30	326~386
RDW-CV (%)	12.9±5.0	7.9~17.9	12.0±5.0	7.0~17.0	11.1±5.0	6.1~16.1
RDW-SD (fL)	31.3±10.0	21.3~41.3	34.1±10.0	24.1~44.1	35.5±10.0	25.5~45.5
HCT (%)	16.7±2.0	14.7~18.7	37.9±2.5	35.4~40.4	48.7±3.0	45.7~51.7
PLT (10 <sup>9</sup> /L)	47±20	27~67	221±40	181~261	437±65	372~502
MPV (fL)	8.0±3.0	5.0~11.0	8.2±3.0	5.2~11.2	8.2±3.0	5.2~11.2
NEUT# (10 <sup>9</sup> /L)	2.55±0.60	1.95~3.15	4.65±0.80	3.85~5.45	13.68±2.50	11.18~16.18
NEUT%	68.7±10.0	58.7~78.7	62.1±10.0	52.1~72.1	71.4±10.0	61.4~81.4
LYMPH# (10 <sup>9</sup> /L)	0.40±0.40	0.00~0.80	1.62±0.80	0.82~2.42	2.93±1.00	1.93~3.93
LYMPH%	10.8±8.0	2.8~18.8	21.6±8.0	13.6~29.6	15.3±8.0	7.3~23.3
MONO# (10 <sup>9</sup> /L)	0.12±0.12	0.00~0.24	0.26±0.26	0.00~0.52	0.42±0.42	0.00~0.84
MONO%	3.2±3.2	0.0~6.4	3.5±3.5	0.0~7.0	2.2±2.2	0.0~4.4
EO# (10 <sup>9</sup> /L)	0.49±0.40	0.09~0.89	0.56±0.56	0.00~1.12	1.53±1.50	0.03~3.03
EO%	13.2±7.0	6.2~20.2	7.5±7.0	0.5~14.5	8.0±6.0	2.0~14.0
BASO-O# (10 <sup>9</sup> /L)	0.15±0.15	0.00~0.30	0.40±0.40	0.00~0.80	0.60±0.60	0.00~1.20
BASO-O %	4.1±4.1	0.0~8.2	5.3±5.3	0.0~10.6	3.1±3.1	0.0~6.2

- 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.