

# CBC-X


## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: JUNE, JULY

 2025-07-25

Parameters	LOW LOT 25050801		NORMAL LOT 25050802		HIGH LOT 25050803	
	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
WBC (10 <sup>9</sup> /L)	3.92±0.90	3.02~4.82	7.39±1.80	5.59~9.19	19.55±3.00	16.55~22.55
RBC (10 <sup>12</sup> /L)	2.14±0.15	1.99~2.29	4.64±0.20	4.44~4.84	5.50±0.30	5.20~5.80
HGB (g/L)	58±4	54~62	131±6	125~137	174±8	166~182
MCV (fL)	76.8±5.0	71.8~81.8	80.6±5.0	75.6~85.6	89.0±5.0	84.0~94.0
MCH (pg)	27.2±3.0	24.2~30.2	28.1±3.0	25.1~31.1	31.6±3.0	28.6~34.6
MCHC (g/L)	354±30	324~384	349±30	319~379	355±30	325~385
RDW-CV (%)	13.7±5.0	8.7~18.7	12.4±5.0	7.4~17.4	11.1±5.0	6.1~16.1
RDW-SD (fL)	34.8±10.0	24.8~44.8	34.3±10.0	24.3~44.3	35.4±10.0	25.4~45.4
HCT (%)	16.5±2.0	14.5~18.5	37.4±2.5	34.9~39.9	48.9±3.0	45.9~51.9
PLT (10 <sup>9</sup> /L)	47±20	27~67	227±40	187~267	459±65	394~524
MPV (fL)	7.5±3.0	4.5~10.5	7.6±3.0	4.6~10.6	8.0±3.0	5.0~11.0
NEUT# (10 <sup>9</sup> /L)	2.71±0.60	2.11~3.31	4.54±0.80	3.74~5.34	13.92±2.50	11.42~16.42
NEUT%	69.0±10.0	59.0~79.0	61.4±10.0	51.4~71.4	71.2±10.0	61.2~81.2
LYMPH# (10 <sup>9</sup> /L)	0.52±0.40	0.12~0.92	1.64±0.80	0.84~2.44	3.36±1.00	2.36~4.36
LYMPH%	13.3±8.0	5.3~21.3	22.2±8.0	14.2~30.2	17.2±8.0	9.2~25.2
MONO# (10 <sup>9</sup> /L)	0.12±0.12	0.00~0.24	0.23±0.23	0.00~0.46	0.36±0.36	0.00~0.72
MONO%	3.1±3.1	0.0~6.2	3.1±3.1	0.0~6.2	1.8±1.8	0.0~3.6
EO# (10 <sup>9</sup> /L)	0.45±0.40	0.05~0.85	0.64±0.60	0.04~1.24	1.37±1.37	0.00~2.74
EO%	11.5±7.0	4.5~18.5	8.7±7.0	1.7~15.7	7.0±7.0	0.0~14.0
BASO-O# (10 <sup>9</sup> /L)	0.12±0.12	0.00~0.24	0.34±0.34	0.00~0.68	0.54±0.54	0.00~1.08
BASO-O %	3.1±3.1	0.0~6.2	4.6±4.6	0.0~9.2	2.8±2.8	0.0~5.6

- 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.