

# CBC-X

## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

**CONTROL**

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: **SEPTEMBER, OCTOBER**

 2024-11-05

Parameters	LOW		NORMAL		HIGH	
	Assay Mean	±Limit	Assay Mean	±Limit	Assay Mean	±Limit
	LOT 24090801		LOT 24090802		LOT 24090803	
		Expected Range		Expected Range		Expected Range
WBC (10 <sup>9</sup> /L)	3.76±0.90	2.86~4.66	7.69±1.80	5.89~9.49	19.40±3.00	16.40~22.40
RBC (10 <sup>12</sup> /L)	2.25±0.15	2.10~2.40	4.51±0.20	4.31~4.71	5.46±0.30	5.16~5.76
HGB (g/L)	58±4	54~62	133±6	127~139	174±8	166~182
MCV (fL)	72.8±5.0	67.8~77.8	83.4±5.0	78.4~88.4	89.3±5.0	84.3~94.3
MCH (pg)	25.9±3.0	22.9~28.9	29.5±3.0	26.5~32.5	31.8±3.0	28.8~34.8
MCHC (g/L)	356±30	326~386	354±30	324~384	356±30	326~386
RDW-CV (%)	13.1±5.0	8.1~18.1	11.6±5.0	6.6~16.6	10.9±5.0	5.9~15.9
RDW-SD (fL)	32.1±10.0	22.1~42.1	34.2±10.0	24.2~44.2	35.0±10.0	25.0~45.0
HCT (%)	16.4±2.0	14.4~18.4	37.6±2.5	35.1~40.1	48.8±3.0	45.8~51.8
PLT (10 <sup>9</sup> /L)	45±20	25~65	238±40	198~278	444±65	379~509
MPV (fL)	8.3±3.0	5.3~11.3	8.4±3.0	5.4~11.4	8.9±3.0	5.9~11.9
NEUT# (10 <sup>9</sup> /L)	2.43±0.60	1.83~3.03	4.32±0.80	3.52~5.12	13.74±2.50	11.24~16.24
NEUT%	64.6±10.0	54.6~74.6	56.2±10.0	46.2~66.2	70.7±10.0	60.7~80.7
LYMPH# (10 <sup>9</sup> /L)	0.42±0.40	0.02~0.82	1.67±0.80	0.87~2.47	3.51±1.00	2.51~4.51
LYMPH%	11.1±8.0	3.1~19.1	21.7±8.0	13.7~29.7	18.1±8.0	10.1~26.1
MONO# (10 <sup>9</sup> /L)	0.16±0.16	0.00~0.32	0.24±0.24	0.00~0.48	0.42±0.42	0.00~0.84
MONO%	4.3±4.3	0.0~8.6	3.1±3.1	0.0~6.2	2.2±2.2	0.0~4.4
EO# (10 <sup>9</sup> /L)	0.71±0.40	0.31~1.11	1.33±0.60	0.73~1.93	1.39±1.39	0.00~2.78
EO%	18.8±7.0	11.8~25.8	17.3±7.0	10.3~24.3	7.2±6.0	1.2~13.2
BASO-O# (10 <sup>9</sup> /L)	0.04±0.04	0.00~0.08	0.13±0.13	0.00~0.26	0.34±0.34	0.00~0.68
BASO-O %	1.2±1.2	0.0~2.4	1.7±1.7	0.0~3.4	1.8±1.8	0.0~3.6

- 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.