

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: MARCH, APRIL

 2025-05-05

Parameters	LOW		NORMAL		HIGH	
	Assay Mean	±Limit	Assay Mean	±Limit	Assay Mean	±Limit
	LOT 25030801		LOT 25030802		LOT 25030803	
	Expected Range	Expected Range	Expected Range	Expected Range	Expected Range	Expected Range
WBC (10 ⁹ /L)	3.71±0.90	2.81~4.61	7.61±1.80	5.81~9.41	19.71±3.00	16.71~22.71
RBC (10 ¹² /L)	2.38±0.15	2.23~2.53	4.60±0.20	4.40~4.80	5.55±0.30	5.25~5.85
HGB (g/L)	62±4	58~66	134±6	128~140	176±8	168~184
MCV (fL)	72.5±5.0	67.5~77.5	82.8±5.0	77.8~87.8	89.7±5.0	84.7~94.7
MCH (pg)	25.8±3.0	22.8~28.8	29.1±3.0	26.1~32.1	31.7±3.0	28.7~34.7
MCHC (g/L)	356±30	326~386	352±30	322~382	353±30	323~383
RDW-CV (%)	13.2±5.0	8.2~18.2	11.4±5.0	6.4~16.4	11.2±5.0	6.2~16.2
RDW-SD (fL)	32.1±10.0	22.1~42.1	33.4±10.0	23.4~43.4	35.8±10.0	25.8~45.8
HCT (%)	17.3±2.0	15.3~19.3	38.1±2.5	35.6~40.6	49.9±3.0	46.9~52.9
PLT (10 ⁹ /L)	48±20	28~68	228±40	188~268	441±65	376~506
MPV (fL)	7.8±3.0	4.8~10.8	8.0±3.0	5.0~11.0	8.1±3.0	5.1~11.1
NEUT# (10 ⁹ /L)	2.57±0.60	1.97~3.17	4.49±0.80	3.69~5.29	13.86±2.50	11.36~16.36
NEUT%	69.3±10.0	59.3~79.3	59.0±10.0	49.0~69.0	70.3±10.0	60.3~80.3
LYMPH# (10 ⁹ /L)	0.40±0.40	0.00~0.80	1.66±0.80	0.86~2.46	3.11±1.00	2.11~4.11
LYMPH%	10.8±8.0	2.8~18.8	21.8±8.0	13.8~29.8	15.8±8.0	7.8~23.8
MONO# (10 ⁹ /L)	0.13±0.13	0.00~0.26	0.28±0.28	0.00~0.56	0.66±0.66	0.00~1.32
MONO%	3.5±3.5	0.0~7.0	3.7±3.7	0.0~7.4	3.3±3.3	0.0~6.6
EO# (10 ⁹ /L)	0.48±0.40	0.08~0.88	0.74±0.60	0.14~1.34	1.50±1.50	0.00~3.00
EO%	12.9±7.0	5.9~19.9	9.7±7.0	2.7~16.7	7.6±6.0	1.6~13.6
BASO-O# (10 ⁹ /L)	0.13±0.13	0.00~0.26	0.44±0.44	0.00~0.88	0.58±0.58	0.00~1.16
BASO-O %	3.5±3.5	0.0~7.0	5.8±5.8	0.0~11.6	3.0±3.0	0.0~6.0

- 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.