

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: NOV. DEC.



2023-01-05

Parameters	LOW		NORMAL		HIGH				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
	LOT 22110801		LOT 22110802		LOT 22110803				
WBC (10 ⁹ /L)	3.67±0.90		2.77-4.57	6.87±1.80		5.07-8.67	19.59±3.00		16.59-22.59
RBC (10 ¹² /L)	2.31±0.15		2.16-2.46	4.56±0.20		4.36-4.76	5.58±0.30		5.28-5.88
HGB (g/L)	59±4		55-63	130±6		124-136	175±8		167-183
MCV (fL)	75.6±5.0		70.6-80.6	85.0±5.0		80.0-90.0	92.1±5.0		87.1-97.1
MCH (pg)	25.4±3.0		22.4-28.4	28.6±3.0		25.6-31.6	31.3±3.0		28.3-34.3
MCHC (g/L)	335±30		305-365	337±30		307-367	340±30		310-370
RDW-CV (%)	12.9±5.0		7.9-17.9	12.3±5.0		7.3-17.3	12.2±5.0		7.2-17.2
RDW-SD (fL)	32.3±10.0		22.3-42.3	35.2±10.0		25.2-45.2	37.9±10.0		27.9-47.9
HCT (%)	17.5±2.0		15.5-19.5	38.7±2.5		36.2-41.2	51.5±3.0		48.5-54.5
PLT (10 ⁹ /L)	42±20		22-62	187±40		147-227	436±65		371-501
MPV (fL)	8.9±3.0		5.9-11.9	9.3±3.0		6.3-12.3	9.3±3.0		6.3-12.3
NEUT# (10 ⁹ /L)	2.16±0.60		1.56-2.76	3.66±0.80		2.86-4.46	13.22±2.50		10.72-15.72
NEUT%	58.9±10.0		48.9-68.9	53.3±10.0		43.3-63.3	67.5±10.0		57.5-77.5
LYMPH# (10 ⁹ /L)	0.48±0.40		0.08-0.88	1.67±0.80		0.87-2.47	3.66±1.00		2.66-4.66
LYMPH%	13.1±8.0		5.1-21.1	24.2±8.0		16.2-32.2	18.7±8.0		10.7-26.7
MONO# (10 ⁹ /L)	0.11±0.11		0.00-0.22	0.30±0.30		0.00-0.60	0.43±0.43		0.00-0.86
MONO%	2.9±2.9		0.0-5.8	4.3±4.3		0.0-8.6	2.2±2.2		0.0-4.4
EO# (10 ⁹ /L)	0.88±0.40		0.48-1.28	1.15±0.60		0.55-1.75	2.03±1.50		0.53-3.53
EO%	24.0±7.0		17.0-31.0	16.9±7.0		9.9-23.9	10.3±6.0		4.3-16.3
BASO-O# (10 ⁹ /L)	0.04±0.04		0.00-0.08	0.15±0.15		0.00-0.30	0.38±0.38		0.00-0.76
BASO-O %	1.1±1.1		0.0-2.2	2.2±2.2		0.0-4.4	1.9±1.9		0.0-3.8

- 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.