

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: NOV. DEC.



2023-01-05

Parameters	LOW LOT 22110801			NORMAL LOT 22110802			HIGH LOT 22110803		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.68±0.90		2.78~4.58	6.98±1.80		5.18~8.78	19.06±3.00		16.06~22.06
RBC (10 ¹² /L)	2.33±0.15		2.18~2.48	4.57±0.20		4.37~4.77	5.55±0.30		5.25~5.85
HGB (g/L)	59±4		55~63	129±6		123~135	173±8		165~181
MCV (fL)	75.6±5.0		70.6~80.6	85.3±5.0		80.3~90.3	92.5±5.0		87.5~97.5
MCH (pg)	25.3±3.0		22.3~28.3	28.3±3.0		25.3~31.3	31.1±3.0		28.1~34.1
MCHC (g/L)	334±30		304~364	332±30		302~362	337±30		307~367
RDW-CV (%)	13.3±5.0		8.3~18.3	12.6±5.0		7.6~17.6	12.5±5.0		7.5~17.5
RDW-SD (fL)	32.6±10.0		22.6~42.6	35.5±10.0		25.5~45.5	38.3±10.0		28.3~48.3
HCT (%)	17.6±2.0		15.6~19.6	39.0±2.5		36.5~41.5	51.4±3.0		48.4~54.4
PLT (10 ⁹ /L)	55±20		35~75	205±40		165~245	403±65		338~468
MPV (fL)	8.9±3.0		5.9~11.9	8.9±3.0		5.9~11.9	9.0±3.0		6.0~12.0
NEUT# (10 ⁹ /L)	2.25±0.60		1.65~2.85	3.71±0.80		2.91~4.51	12.95±2.50		10.45~15.45
NEUT%	61.1±10.0		51.1~71.1	53.2±10.0		43.2~63.2	67.9±10.0		57.9~77.9
LYMPH# (10 ⁹ /L)	0.46±0.40		0.06~0.86	1.66±0.80		0.86~2.46	3.36±1.00		2.36~4.36
LYMPH%	12.3±8.0		4.3~20.3	23.7±8.0		15.7~31.7	17.6±8.0		9.6~25.6
MONO# (10 ⁹ /L)	0.11±0.11		0.00~0.22	0.31±0.31		0.00~0.62	0.43±0.43		0.00~0.86
MONO%	2.9±2.9		0.0~5.8	4.5±4.5		0.0~9.0	2.3±2.3		0.0~4.6
EO# (10 ⁹ /L)	0.85±0.40		0.45~1.25	1.18±0.60		0.58~1.78	1.91±1.50		0.41~3.41
EO%	23.0±7.0		16.0~30.0	17.0±7.0		10.0~24.0	10.0±6.0		4.0~16.0
BASO-O# (10 ⁹ /L)	0.03±0.03		0.00~0.06	0.16±0.16		0.00~0.32	0.41±0.41		0.00~0.82
BASO-O %	0.8±0.8		0.0~1.6	2.3±2.3		0.0~4.6	2.2±2.2		0.0~4.4

- 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.