

CBC-X


HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: JANUARY, FEBRUARY.

 2022-03-05

Parameters	LOW LOT 22010801		NORMAL LOT 22010802		HIGH LOT 22010803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.82±0.90		2.92~4.72	7.11±1.80		5.31~8.91	19.25±3.00		16.25~22.25
RBC (10 ¹² /L)	2.38±0.15		2.23~2.53	4.75±0.20		4.55~4.95	5.59±0.30		5.29~5.89
HGB (g/L)	61±4		57~65	133±6		127~139	174±8		166~182
MCV (fL)	74.0±5.0		69.0~79.0	82.1±5.0		77.1~87.1	90.4±5.0		85.4~95.4
MCH (pg)	25.5±3.0		22.5~28.5	28.0±3.0		25.0~31.0	31.2±3.0		28.2~34.2
MCHC (g/L)	345±30		315~375	341±30		311~371	345±30		315~375
RDW-CV (%)	13.5±5.0		8.5~18.5	12.1±5.0		7.1~17.1	11.0±5.0		6.0~16.0
RDW-SD (fL)	32.7±10.0		22.7~42.7	33.9±10.0		23.9~43.9	35.0±10.0		25.0~45.0
HCT (%)	17.6±2.0		15.6~19.6	39.0±2.5		36.5~41.5	50.5±3.0		47.5~53.5
PLT (10 ⁹ /L)	51±20		31~71	188±40		148~228	363±65		298~428
MPV (fL)	8.7±3.0		5.7~11.7	9.1±3.0		6.1~12.1	9.6±3.0		6.6~12.6
NEUT# (10 ⁹ /L)	2.41±0.60		1.81~3.01	3.83±0.80		3.03~4.63	12.93±2.50		10.43~15.43
NEUT%	63.1±10.0		53.1~73.1	53.9±10.0		43.9~63.9	67.2±10.0		57.2~77.2
LYMPH# (10 ⁹ /L)	0.43±0.40		0.03~0.83	1.73±0.80		0.93~2.53	3.77±1.00		2.77~4.77
LYMPH%	11.3±8.0		3.3~19.3	24.3±8.0		16.3~32.3	19.6±8.0		11.6~27.6
MONO# (10 ⁹ /L)	0.13±0.13		0.00~0.26	0.27±0.27		0.00~0.54	0.35±0.35		0.00~0.70
MONO%	2.9±2.9		0.0~5.8	3.8±3.8		0.0~7.6	1.8±1.8		0.0~3.6
EO# (10 ⁹ /L)	0.83±0.40		0.43~1.23	1.19±0.60		0.59~1.79	1.92±1.50		0.42~3.42
EO%	21.7±7.0		14.7~28.7	16.7±7.0		9.7~23.7	10.0±6.0		4.0~16.0
BASO-O# (10 ⁹ /L)	0.05±0.05		0.00~0.10	0.13±0.13		0.00~0.26	0.31±0.31		0.00~0.62
BASO-O %	1.3±1.3		0.0~2.6	1.8±1.8		0.0~3.6	1.6±1.6		0.0~3.2

- 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.