

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: SEPTEMBER OCTOBER

 2023-11-05

Parameters	LOW			NORMAL			HIGH		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
	LOT 23090801			LOT 23090802			LOT 23090803		
WBC (10 ⁹ /L)	3.51±0.90		2.61~4.41	6.76±1.80		4.96~8.56	17.95±3.00		14.95~20.95
RBC (10 ¹² /L)	2.43±0.15		2.28~2.58	4.61±0.20		4.41~4.81	5.54±0.30		5.24~5.84
HGB (g/L)	61±4		57~65	134±6		128~140	176±8		168~184
MCV (fL)	72.3±5.0		67.3~77.3	82.6±5.0		77.6~87.6	89.1±5.0		84.1~94.1
MCH (pg)	25.3±3.0		22.3~28.3	29.1±3.0		26.1~32.1	31.7±3.0		28.7~34.7
MCHC (g/L)	351±30		321~381	352±30		322~382	356±30		326~386
RDW-CV (%)	13.9±5.0		8.9~18.9	12.7±5.0		7.7~17.7	12.8±5.0		7.8~17.8
RDW-SD (fL)	34.5±10.0		24.5~44.5	37.2±10.0		27.2~47.2	40.4±10.0		30.4~50.4
HCT (%)	17.5±2.0		15.5~19.5	38.0±2.5		35.5~40.5	49.4±3.0		46.4~52.4
PLT (10 ⁹ /L)	48±20		28~68	197±40		157~237	429±65		364~494
MPV (fL)	9.3±3.0		6.3~12.3	9.5±3.0		6.5~12.5	10.1±3.0		7.1~13.1
NEUT# (10 ⁹ /L)	2.47±0.60		1.87~3.07	3.64±0.80		2.84~4.44	11.64±2.50		9.14~14.14
NEUT%	70.3±10.0		60.3~80.3	53.8±10.0		43.8~63.8	64.8±10.0		54.8~74.8
LYMPH# (10 ⁹ /L)	0.41±0.40		0.01~0.81	1.35±0.80		0.55~2.15	2.31±1.00		1.31~3.31
LYMPH%	11.7±8.0		3.7~19.7	19.9±8.0		11.9~27.9	12.9±8.0		4.9~20.9
MONO# (10 ⁹ /L)	0.15±0.15		0.00~0.30	0.32±0.32		0.00~0.64	0.87±0.87		0.00~1.74
MONO%	4.3±4.3		0.0~8.6	4.8±4.8		0.0~9.6	4.8±4.8		0.0~9.6
EO# (10 ⁹ /L)	0.43±0.40		0.03~0.83	1.29±0.60		0.69~1.89	2.62±1.50		1.12~4.12
EO%	12.3±7.0		5.3~19.3	19.1±7.0		12.1~26.1	14.6±6.0		8.6~20.6
BASO-O# (10 ⁹ /L)	0.05±0.05		0.00~0.10	0.16±0.16		0.00~0.32	0.51±0.51		0.00~1.02
BASO-O %	1.4±1.4		0.0~2.8	2.4±2.4		0.0~4.8	2.9±2.9		0.0~5.8

- 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.