

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: JANUARY, FEBRUARY.

 2024-03-05

Parameters	LOW			NORMAL			HIGH		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
	LOT 24010801			LOT 24010802			LOT 24010803		
WBC (10 ⁹ /L)	3.63±0.90		2.73~4.53	7.19±1.80		5.39~8.99	17.85±3.00		14.85~20.85
RBC (10 ¹² /L)	2.30±0.15		2.15~2.45	4.50±0.20		4.30~4.70	5.44±0.30		5.14~5.74
HGB (g/L)	60±4		56~64	131±6		125~137	173±8		165~181
MCV (fL)	73.0±5.0		68.0~78.0	82.5±5.0		77.5~87.5	89.9±5.0		84.9~94.9
MCH (pg)	26.2±3.0		23.2~29.2	29.1±3.0		26.1~32.1	31.8±3.0		28.8~34.8
MCHC (g/L)	359±30		329~389	353±30		323~383	354±30		324~384
RDW-CV (%)	13.7±5.0		8.7~18.7	12.2±5.0		7.2~17.2	11.5±5.0		6.5~16.5
RDW-SD (fL)	35.0±10.0		25.0~45.0	36.7±10.0		26.7~46.7	38.5±10.0		28.5~48.5
HCT (%)	16.8±2.0		14.8~18.8	37.1±2.5		34.6~39.6	48.9±3.0		45.9~51.9
PLT (10 ⁹ /L)	45±20		25~65	225±40		185~265	472±65		407~537
MPV (fL)	9.0±3.0		6.0~12.0	9.3±3.0		6.3~12.3	10.0±3.0		7.0~13.0
NEUT# (10 ⁹ /L)	2.29±0.60		1.69~2.89	4.51±0.80		3.71~5.31	12.64±2.50		10.14~15.14
NEUT%	63.1±10.0		53.1~73.1	62.7±10.0		52.7~72.7	70.8±10.0		60.8~80.8
LYMPH# (10 ⁹ /L)	0.41±0.40		0.01~0.81	1.23±0.80		0.43~2.03	2.28±1.00		1.28~3.28
LYMPH%	11.3±8.0		3.3~19.3	17.1±8.0		9.1~25.1	12.8±8.0		4.8~20.8
MONO# (10 ⁹ /L)	0.12±0.12		0.00~0.24	0.31±0.31		0.00~0.62	0.57±0.57		0.00~1.14
MONO%	3.3±3.3		0.0~6.6	4.3±4.3		0.0~8.6	3.2±3.2		0.0~6.4
EO# (10 ⁹ /L)	0.78±0.40		0.38~1.18	0.99±0.60		0.39~1.59	1.77±1.50		0.27~3.27
EO%	21.5±7.0		14.5~28.5	13.8±7.0		6.8~20.8	9.9±6.0		3.9~15.9
BASO-O# (10 ⁹ /L)	0.03±0.03		0.00~0.06	0.15±0.15		0.00~0.30	0.59±0.59		0.00~1.18
BASO-O %	0.8±0.8		0.0~1.6	2.1±2.1		0.0~4.2	3.3±3.3		0.0~6.6

- NOTES:**
- Before using, confirm the software for the latest version, refer to the instruction sheet for mixing directions, and choice the QC mode.
 - Occasionally leukocyte cell populations are incorrectly identified. If this occurs, please rerun the sample.
 - All brands and products are trademarks or registered trademarks of their respective companies, All results are for reference only.