

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: JANUARY, FEBRUARY

 2025-03-05

Parameters	LOW			NORMAL			HIGH		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
	LOT 25010801			LOT 25010802			LOT 25010803		
WBC (10 ⁹ /L)	3.67±0.90		2.77~4.57	7.49±1.80		5.69~9.29	18.60±3.00		15.60~21.60
RBC (10 ¹² /L)	2.35±0.15		2.20~2.50	4.70±0.20		4.50~4.90	5.53±0.30		5.23~5.83
HGB (g/L)	58±4		54~62	131±6		125~137	170±8		162~178
MCV (fL)	73.4±5.0		68.4~78.4	83.3±5.0		78.3~88.3	91.4±5.0		86.4~96.4
MCH (pg)	24.7±3.0		21.7~27.7	28.0±3.0		25.0~31.0	30.8±3.0		27.8~33.8
MCHC (g/L)	337±30		307~367	336±30		306~366	337±30		307~367
RDW-CV (%)	12.7±5.0		7.7~17.7	11.8±5.0		6.8~16.8	10.9±5.0		5.9~15.9
RDW-SD (fL)	33.1±10.0		23.1~43.1	35.9±10.0		25.9~45.9	37.4±10.0		27.4~47.4
HCT (%)	17.2±2.0		15.2~19.2	39.2±2.5		36.7~41.7	50.5±3.0		47.5~53.5
PLT (10 ⁹ /L)	52±20		32~72	230±40		190~270	458±65		393~523
MPV (fL)	9.0±3.0		6.0~12.0	9.2±3.0		6.2~12.2	9.2±3.0		6.2~12.2
NEUT# (10 ⁹ /L)	2.47±0.60		1.87~3.07	4.74±0.80		3.94~5.54	13.47±2.50		10.97~15.97
NEUT%	67.3±10.0		57.3~77.3	63.3±10.0		53.3~73.3	72.4±10.0		62.4~82.4
LYMPH# (10 ⁹ /L)	0.40±0.40		0.00~0.80	1.30±0.80		0.50~2.10	2.12±1.00		1.12~3.12
LYMPH%	10.9±8.0		2.9~18.9	17.4±8.0		9.4~25.4	11.4±8.0		3.4~19.4
MONO# (10 ⁹ /L)	0.23±0.23		0.00~0.46	0.48±0.48		0.00~0.96	0.93±0.93		0.00~1.86
MONO%	6.3±6.3		0.0~12.6	6.4±6.4		0.0~12.8	5.0±5.0		0.0~10.0
EO# (10 ⁹ /L)	0.42±0.40		0.02~0.82	0.57±0.57		0.00~1.14	1.48±1.48		0.00~2.96
EO%	11.4±7.0		4.4~18.4	7.6±7.0		0.6~14.6	8.0±6.0		2.0~14.0
BASO-O# (10 ⁹ /L)	0.15±0.15		0.00~0.30	0.40±0.40		0.00~0.80	0.60±0.60		0.00~1.20
BASO-O %	4.1±4.1		0.0~8.2	5.3±5.3		0.0~10.6	3.2±3.2		0.0~6.4

- 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.