

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: MARCH, APRIL

 2025-05-05

Parameters	LOW LOT 25030801			NORMAL LOT 25030802			HIGH LOT 25030803		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.81±0.90		2.91~4.71	7.44±1.80		5.64~9.24	18.84±3.00		15.84~21.84
RBC (10 ¹² /L)	2.38±0.15		2.23~2.53	4.61±0.20		4.41~4.81	5.59±0.30		5.29~5.89
HGB (g/L)	60±4		56~64	131±6		125~137	171±8		163~179
MCV (fL)	73.9±5.0		68.9~78.9	84.4±5.0		79.4~89.4	91.0±5.0		86.0~96.0
MCH (pg)	25.1±3.0		22.1~28.1	28.3±3.0		25.3~31.3	30.7±3.0		27.7~33.7
MCHC (g/L)	339±30		309~369	335±30		305~365	337±30		307~367
RDW-CV (%)	12.9±5.0		7.9~17.9	11.2±5.0		6.2~16.2	10.9±5.0		5.9~15.9
RDW-SD (fL)	33.7±10.0		23.7~43.7	35.2±10.0		25.2~45.2	37.6±10.0		27.6~47.6
HCT (%)	17.6±2.0		15.6~19.6	38.9±2.5		36.4~41.4	50.9±3.0		47.9~53.9
PLT (10 ⁹ /L)	46±20		26~66	234±40		194~274	451±65		386~516
MPV (fL)	9.0±3.0		6.0~12.0	9.0±3.0		6.0~12.0	9.2±3.0		6.2~12.2
NEUT# (10 ⁹ /L)	2.65±0.60		2.05~3.25	4.64±0.80		3.84~5.44	13.63±2.50		11.13~16.13
NEUT%	69.6±10.0		59.6~79.6	62.4±10.0		52.4~72.4	72.3±10.0		62.3~82.3
LYMPH# (10 ⁹ /L)	0.40±0.40		0.00~0.80	1.44±0.80		0.64~2.24	2.50±1.00		1.50~3.50
LYMPH%	10.5±8.0		2.5~18.5	19.4±8.0		11.4~27.4	13.3±8.0		5.3~21.3
MONO# (10 ⁹ /L)	0.23±0.23		0.00~0.46	0.34±0.34		0.00~0.68	0.64±0.64		0.00~1.28
MONO%	6.0±6.0		0.0~12.0	4.6±4.6		0.0~9.2	3.4±3.4		0.0~6.8
EO# (10 ⁹ /L)	0.40±0.40		0.00~0.80	0.61±0.60		0.01~1.21	1.50±1.50		0.00~3.00
EO%	10.5±7.0		3.5~17.5	8.1±7.0		1.1~15.1	8.0±6.0		2.0~14.0
BASO-O# (10 ⁹ /L)	0.13±0.13		0.00~0.26	0.41±0.41		0.00~0.82	0.57±0.57		0.00~1.14
BASO-O %	3.4±3.4		0.0~6.8	5.5±5.5		0.0~11.0	3.0±3.0		0.0~6.0

- 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.