

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: JULY,AUGUST



2023-09-05

Parameters	LOW [LOT] 23070801		NORMAL [LOT] 23070802		HIGH [LOT] 23070803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.61±0.90		2.71~4.51	7.42±1.80		5.62~9.22	18.82±3.00		15.82~21.82
RBC (10 ¹² /L)	2.35±0.15		2.20~2.50	4.68±0.20		4.48~4.88	5.61±0.30		5.31~5.91
HGB (g/L)	58±4		54~62	131±6		125~137	175±8		167~183
MCV (fL)	74.3±5.0		69.3~79.3	84.4±5.0		79.4~89.4	92.7±5.0		87.7~97.7
MCH (pg)	24.8±3.0		21.8~27.8	28.0±3.0		25.0~31.0	31.1±3.0		28.1~34.1
MCHC (g/L)	333±30		303~363	332±30		302~362	336±30		306~366
RDW-CV (%)	15.1±5.0		10.1~20.1	12.9±5.0		7.9~17.9	12.7±5.0		7.7~17.7
RDW-SD (fL)	34.8±10.0		24.8~44.8	35.7±10.0		25.7~45.7	38.8±10.0		28.8~48.8
HCT (%)	17.5±2.0		15.5~19.5	39.5±2.5		37.0~42.0	52.0±3.0		49.0~55.0
PLT (10 ⁹ /L)	60±20		40~80	214±40		174~254	415±65		350~480
MPV (fL)	8.6±3.0		5.6~11.6	8.9±3.0		5.9~11.9	9.5±3.0		6.5~12.5
NEUT# (10 ⁹ /L)	2.40±0.60		1.80~3.00	0.32±0.80		0.00~1.12	11.72±2.50		9.22~14.22
NEUT%	66.5±10.0		56.5~76.5	4.3±10.0		0.0~14.3	62.2±10.0		52.2~72.2
LYMPH# (10 ⁹ /L)	0.38±0.40		0.00~0.78	1.51±0.80		0.71~2.31	3.52±1.00		2.52~4.52
LYMPH%	10.5±8.0		2.5~18.5	20.3±8.0		12.3~28.3	18.7±8.0		10.7~26.7
MONO# (10 ⁹ /L)	0.10±0.10		0.00~0.20	0.07±0.07		0.00~0.14	0.59±0.59		0.00~1.18
MONO%	2.8±2.8		0.0~5.6	0.9±0.9		0.0~1.8	3.1±3.1		0.0~6.2
EO# (10 ⁹ /L)	0.69±0.40		0.29~1.09	5.18±0.60		4.58~5.78	2.61±1.50		1.11~4.11
EO%	19.1±7.0		12.1~26.1	69.7±7.0		62.7~76.7	13.9±6.0		7.9~19.9
BASO-O# (10 ⁹ /L)	0.05±0.05		0.00~0.10	0.35±0.35		0.00~0.70	0.56±0.56		0.00~1.12
BASO-O %	1.4±1.4		0.0~2.8	4.7±4.7		0.0~9.4	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.