

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: JULY,AUGUST

 2024-09-05

Parameters	LOW			NORMAL			HIGH		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
	LOT 24070801			LOT 24070802			LOT 24070803		
WBC (10 ⁹ /L)	3.66±0.90		2.76~4.56	7.76±1.80		5.96~9.56	20.03±3.00		17.03~23.03
RBC (10 ¹² /L)	2.33±0.15		2.18~2.48	4.59±0.20		4.39~4.79	5.48±0.30		5.18~5.78
HGB (g/L)	60±4		56~64	133±6		127~139	175±8		167~183
MCV (fL)	72.3±5.0		67.3~77.3	81.7±5.0		76.7~86.7	89.3±5.0		84.3~94.3
MCH (pg)	25.8±3.0		22.8~28.8	29.1±3.0		26.1~32.1	31.9±3.0		28.9~34.9
MCHC (g/L)	357±30		327~387	356±30		326~386	357±30		327~387
RDW-CV (%)	13.4±5.0		8.4~18.4	12.1±5.0		7.1~17.1	11.8±5.0		6.8~16.8
RDW-SD (fL)	32.3±10.0		22.3~42.3	34.3±10.0		24.3~44.3	37.0±10.0		27.0~47.0
HCT (%)	16.9±2.0		14.9~18.9	37.5±2.5		35.0~40.0	48.9±3.0		45.9~51.9
PLT (10 ⁹ /L)	41±20		21~61	217±40		177~257	430±65		365~495
MPV (fL)	8.5±3.0		5.5~11.5	8.1±3.0		5.1~11.1	8.7±3.0		5.7~11.7
NEUT# (10 ⁹ /L)	2.64±0.60		2.04~3.24	4.71±0.80		3.91~5.51	13.63±2.50		11.13~16.13
NEUT%	72.1±10.0		62.1~82.1	60.7±10.0		50.7~70.7	68.0±10.0		58.0~78.0
LYMPH# (10 ⁹ /L)	0.41±0.40		0.01~0.81	1.86±0.80		1.06~2.66	3.96±1.00		2.96~4.96
LYMPH%	11.2±8.0		3.2~19.2	23.9±8.0		15.9~31.9	19.8±8.0		11.8~27.8
MONO# (10 ⁹ /L)	0.11±0.11		0.00~0.22	0.28±0.28		0.00~0.56	0.52±0.52		0.00~1.04
MONO%	3.0±3.0		0.0~6.0	3.6±3.6		0.0~7.2	2.6±2.6		0.0~5.2
EO# (10 ⁹ /L)	0.46±0.40		0.06~0.86	0.78±0.60		0.18~1.38	1.51±1.50		0.01~3.01
EO%	12.6±7.0		5.6~19.6	10.1±7.0		3.1~17.1	7.5±6.0		1.5~13.5
BASO-O# (10 ⁹ /L)	0.04±0.04		0.00~0.08	0.13±0.13		0.00~0.26	0.41±0.41		0.00~0.82
BASO-O %	1.1±1.1		0.0~2.2	1.7±1.7		0.0~3.4	2.1±2.1		0.0~4.2

- 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.