

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: SEPT. OCT.



2021-11-05

Parameters	LOW		NORMAL		HIGH	
	Assay Mean	±Limit	Assay Mean	±Limit	Assay Mean	±Limit
	LOT 21090801		LOT 21090802		LOT 21090803	
		Expected Range		Expected Range		Expected Range
WBC (10 ⁹ /L)	3.79±0.90	2.89~4.69	7.52±1.80	5.72~9.32	19.93±3.00	16.93~22.93
RBC (10 ¹² /L)	2.41±0.15	2.26~2.56	4.70±0.20	4.50~4.90	5.62±0.30	5.32~5.92
HGB (g/L)	60±4	56~64	131±6	125~137	172±8	164~180
MCV (fL)	74.1±5.0	69.1~79.1	82.8±5.0	77.8~87.8	90.6±5.0	85.6~95.6
MCH (pg)	24.9±3.0	21.9~27.9	27.8±3.0	24.8~30.8	30.5±3.0	27.5~33.5
MCHC (g/L)	336±30	306~366	336±30	306~366	337±30	307~367
RDW-CV (%)	13.3±5.0	8.3~18.3	12.0±5.0	7.0~17.0	11.2±5.0	6.2~16.2
RDW-SD (fL)	32.5±10.0	22.5~42.5	34.1±10.0	24.1~44.1	35.7±10.0	25.7~45.7
HCT (%)	17.8±2.0	15.8~19.8	38.9±2.5	36.4~41.4	50.9±3.0	47.9~53.9
PLT (10 ⁹ /L)	45±20	25~65	218±40	178~258	469±65	404~534
MPV (fL)	8.0±3.0	5.0~11.0	9.9±3.0	6.9~12.9	9.2±3.0	6.2~12.2
NEUT# (10 ⁹ /L)	2.32±0.60	1.72~2.92	3.92±0.80	3.12~4.72	13.19±2.50	10.69~15.69
NEUT%	61.2±10.0	51.2~71.2	52.1±10.0	42.1~62.1	66.2±10.0	56.2~76.2
LYMPH# (10 ⁹ /L)	0.52±0.40	0.12~0.92	2.09±0.80	1.29~2.89	3.68±1.00	2.68~4.68
LYMPH%	13.6±8.0	5.6~21.6	27.8±8.0	19.8~35.8	18.5±8.0	10.5~26.5
MONO# (10 ⁹ /L)	0.12±0.12	0.00~0.24	0.22±0.22	0.00~0.44	0.55±0.55	0.00~1.10
MONO%	3.2±3.2	0.0~6.4	2.9±2.9	0.0~5.8	2.8±2.8	0.0~5.6
EO# (10 ⁹ /L)	0.82±0.40	0.42~1.22	1.17±0.60	0.57~1.77	2.15±1.50	0.65~3.65
EO%	21.7±7.0	14.7~28.7	15.6±7.0	8.6~22.6	10.8±6.0	4.8~16.8
BASO-O# (10 ⁹ /L)	0.03±0.03	0.00~0.06	0.13±0.13	0.00~0.26	0.37±0.37	0.00~0.74
BASO-O %	0.8±0.8	0.0~1.6	1.7±1.7	0.0~3.4	1.9±1.9	0.0~3.8

- 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.