

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: JULY, AUGUST.



2022-09-05

Parameters	LOW LOT 22070801			NORMAL LOT 22070802			HIGH LOT 22070803		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.75±0.90		2.85~4.65	7.07±1.80		5.27~8.87	18.52±3.00		15.52~21.52
RBC (10 ¹² /L)	2.28±0.15		2.13~2.43	4.60±0.20		4.40~4.80	5.59±0.30		5.29~5.89
HGB (g/L)	58±4		54~62	132±6		126~138	175±8		167~183
MCV (fL)	74.5±5.0		69.5~79.5	83.0±5.0		78.0~88.0	89.6±5.0		84.6~94.6
MCH (pg)	25.4±3.0		22.4~26.4	28.7±3.0		25.7~31.7	31.3±3.0		28.3~34.3
MCHC (g/L)	341±30		311~371	347±30		317~377	349±30		319~379
RDW-CV (%)	14.3±5.0		9.3~19.3	13.8±5.0		8.8~18.8	13.9±5.0		8.9~18.9
RDW-SD (fL)	33.7±10.0		23.7~43.7	36.6±10.0		26.6~46.6	39.7±10.0		29.7~49.7
HCT (%)	17.0±2.0		15.0~19.0	38.2±2.5		35.7~40.7	50.1±3.0		47.1~53.1
PLT (10 ⁹ /L)	56±20		36~76	185±40		145~225	384±65		319~449
MPV (fL)	9.4±3.0		6.4~12.4	9.1±3.0		6.1~12.1	10.0±3.0		7.0~13.0
NEUT# (10 ⁹ /L)	2.42±0.60		1.82~3.02	4.45±0.80		3.65~5.25	13.21±2.50		10.71~15.71
NEUT%	64.6±10.0		54.6~74.6	63.0±10.0		53.0~73.0	71.3±10.0		61.3~81.3
LYMPH# (10 ⁹ /L)	0.52±0.40		0.12~0.92	1.19±0.80		0.39~1.99	3.38±1.00		2.38~4.38
LYMPH%	13.9±8.0		5.9~21.9	17.1±8.0		9.1~25.1	18.2±8.0		10.2~26.2
MONO# (10 ⁹ /L)	0.12±0.12		0.00~0.24	0.35±0.35		0.00~0.70	0.41±0.41		0.00~0.82
MONO%	3.2±3.2		0.0~6.4	4.9±4.9		0.0~9.8	2.2±2.2		0.0~4.4
EO# (10 ⁹ /L)	0.64±0.40		0.24~1.04	0.95±0.60		0.35~1.55	1.44±1.50		0.00~2.94
EO%	17.1±7.0		10.1~24.1	13.5±7.0		6.5~20.5	7.8±6.0		1.8~13.8
BASO-O# (10 ⁹ /L)	0.03±0.03		0.00~0.06	0.17±0.17		0.00~0.34	0.32±0.32		0.00~0.64
BASO-O %	0.8±0.8		0.0~1.6	2.4±2.4		0.0~4.8	1.7±1.7		0.0~3.4

- 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.