

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: **SEPTEMBER, OCTOBER**

 2024-11-05

Parameters	LOW LOT 24090801			NORMAL LOT 24090802			HIGH LOT 24090803		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.80±0.90		2.90~4.70	7.73±1.80		5.93~9.53	19.02±3.00		16.02~22.02
RBC (10 ¹² /L)	2.30±0.15		2.15~2.45	4.65±0.20		4.45~4.85	5.61±0.30		5.31~5.91
HGB (g/L)	58±4		54~62	133±6		127~139	171±8		163~179
MCV (fL)	73.9±5.0		68.9~78.9	84.7±5.0		79.7~89.7	91.2±5.0		86.2~96.2
MCH (pg)	25.1±3.0		22.1~28.1	28.0±3.0		25.0~31.0	30.5±3.0		27.5~33.5
MCHC (g/L)	339±30		309~369	331±30		301~361	334±30		304~364
RDW-CV (%)	13.1±5.0		8.1~18.1	12.0±5.0		7.0~17.0	10.8±5.0		5.8~15.8
RDW-SD (fL)	34.1±10.0		24.1~44.1	36.8±10.0		26.8~46.8	37.0±10.0		27.0~47.0
HCT (%)	17.0±2.0		15.0~19.0	39.4±2.5		36.9~41.9	51.2±3.0		48.2~54.2
PLT (10 ⁹ /L)	46±20		26~66	260±40		220~300	473±65		408~538
MPV (fL)	9.4±3.0		6.4~12.4	9.4±3.0		6.4~12.4	10.0±3.0		7.0~13.0
NEUT# (10 ⁹ /L)	2.61±0.60		2.01~3.21	4.86±0.80		4.06~5.66	14.30±2.50		11.80~16.80
NEUT%	68.7±10.0		58.7~78.7	62.9±10.0		52.9~72.9	75.2±10.0		65.2~85.2
LYMPH# (10 ⁹ /L)	0.35±0.35		0.00~0.70	1.31±0.80		0.51~2.11	2.57±1.00		1.57~3.57
LYMPH%	9.1±8.0		1.1~17.1	16.9±8.0		8.9~24.9	13.5±8.0		5.5~21.5
MONO# (10 ⁹ /L)	0.15±0.15		0.00~0.30	0.26±0.26		0.00~0.52	0.71±0.71		0.00~1.42
MONO%	3.9±3.9		0.0~7.8	3.4±3.4		0.0~6.8	3.7±3.7		0.0~7.4
EO# (10 ⁹ /L)	0.64±0.40		0.24~1.04	1.16±0.60		0.56~1.76	1.09±1.09		0.00~2.18
EO%	16.9±7.0		9.9~23.9	15.0±7.0		8.0~22.0	5.7±5.7		0.0~11.4
BASO-O# (10 ⁹ /L)	0.05±0.05		0.00~0.10	0.14±0.14		0.00~0.28	0.35±0.35		0.00~0.70
BASO-O %	1.4±1.4		0.0~2.8	1.8±1.8		0.0~3.6	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.