

CBC-X


HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: JUNE, JULY

 2025-07-25

Parameters	LOW LOT 25050801		NORMAL LOT 25050802		HIGH LOT 25050803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.85±0.90		2.95~4.75	7.25±1.80		5.45~9.05	18.86±3.00		15.86~21.86
RBC (10 ¹² /L)	2.18±0.15		2.03~2.33	4.73±0.20		4.53~4.93	5.61±0.30		5.31~5.91
HGB (g/L)	57±4		53~61	129±6		123~135	171±8		163~179
MCV (fL)	78.3±5.0		73.3~83.3	82.2±5.0		77.2~87.2	90.6±5.0		85.6~95.6
MCH (pg)	26.1±3.0		23.1~29.1	27.2±3.0		24.2~30.2	30.4±3.0		27.4~33.4
MCHC (g/L)	333±30		303~363	331±30		301~361	336±30		306~366
RDW-CV (%)	13.4±5.0		8.4~18.4	12.1±5.0		7.1~17.1	10.9±5.0		5.9~15.9
RDW-SD (fL)	36.6±10.0		26.6~46.6	36.0±10.0		26.0~46.0	37.2±10.0		27.2~47.2
HCT (%)	17.1±2.0		15.1~19.1	38.9±2.5		36.4~41.4	50.8±3.0		47.8~53.8
PLT (10 ⁹ /L)	44±20		24~64	230±40		190~270	474±65		409~539
MPV (fL)	8.7±3.0		5.7~11.7	8.7±3.0		5.7~11.7	9.0±3.0		6.0~12.0
NEUT# (10 ⁹ /L)	2.55±0.60		1.95~3.15	4.48±0.80		3.68~5.28	13.24±2.50		10.74~15.74
NEUT%	66.2±10.0		56.2~76.2	61.7±10.0		51.7~71.7	70.1±10.0		60.1~80.1
LYMPH# (10 ⁹ /L)	0.47±0.40		0.07~0.87	1.36±0.80		0.56~2.16	3.28±1.00		2.28~4.28
LYMPH%	12.2±8.0		4.2~20.2	18.7±8.0		10.7~26.7	17.4±8.0		9.4~25.4
MONO# (10 ⁹ /L)	0.28±0.28		0.00~0.56	0.34±0.34		0.00~0.68	0.58±0.58		0.00~1.16
MONO%	7.3±7.3		0.0~14.6	4.7±4.7		0.0~9.4	3.1±3.1		0.0~6.2
EO# (10 ⁹ /L)	0.43±0.40		0.03~0.83	0.71±0.60		0.11~1.31	1.18±1.18		0.00~2.36
EO%	11.1±7.0		4.1~18.1	9.8±7.0		2.8~16.8	6.3±6.3		0.0~12.6
BASO-O# (10 ⁹ /L)	0.12±0.12		0.00~0.24	0.37±0.37		0.00~0.74	0.58±0.58		0.00~1.16
BASO-O %	3.2±3.2		0.0~6.4	5.1±5.1		0.0~10.2	3.1±3.1		0.0~6.2

- 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.