

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: MARCH, APRIL.



2023-05-05

Parameters	LOW			NORMAL			HIGH		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
	LOT 23030801			LOT 23030802			LOT 23030803		
WBC (10 ⁹ /L)	3.62±0.90		2.72~4.52	7.35±1.80		5.55~9.15	19.31±3.00		16.31~22.31
RBC (10 ¹² /L)	2.33±0.15		2.18~2.48	4.61±0.20		4.41~4.81	5.71±0.30		5.41~6.01
HGB (g/L)	59±4		55~63	136±6		130~142	177±8		169~185
MCV (fL)	75.2±5.0		70.2~80.2	85.9±5.0		80.9~90.9	91.4±5.0		86.4~96.4
MCH (pg)	25.3±3.0		22.3~28.3	29.5±3.0		26.5~32.5	31.0±3.0		28.0~34.0
MCHC (g/L)	337±30		307~367	343±30		313~373	339±30		309~369
RDW-CV (%)	13.5±5.0		8.5~18.5	12.2±5.0		7.2~17.2	11.8±5.0		6.8~16.8
RDW-SD (fL)	33.2±10.0		23.2~43.2	35.4±10.0		25.4~45.4	36.9±10.0		26.9~46.9
HCT (%)	17.5±2.0		15.5~19.5	39.6±2.5		37.1~42.1	52.2±3.0		49.2~55.2
PLT (10 ⁹ /L)	54±20		34~74	193±40		153~233	368±65		303~433
MPV (fL)	8.2±3.0		5.2~11.2	8.0±3.0		5.0~11.0	8.2±3.0		5.2~11.2
NEUT# (10 ⁹ /L)	2.29±0.60		1.69~2.89	4.40±0.80		3.60~5.20	11.64±2.50		9.14~14.14
NEUT%	63.2±10.0		53.2~73.2	59.9±10.0		49.9~69.9	60.3±10.0		50.3~70.3
LYMPH# (10 ⁹ /L)	0.48±0.40		0.08~0.88	1.88±0.80		1.08~2.68	4.48±1.00		3.48~5.48
LYMPH%	13.3±8.0		5.3~21.3	25.6±8.0		17.6~33.6	23.2±8.0		15.2~31.2
MONO# (10 ⁹ /L)	0.19±0.19		0.00~0.38	0.23±0.23		0.00~0.46	0.81±0.81		0.00~1.62
MONO%	5.2±5.2		0.0~10.4	3.1±3.1		0.0~6.2	4.2±4.2		0.0~8.4
EO# (10 ⁹ /L)	0.64±0.40		0.24~1.04	0.69±0.60		0.09~1.29	2.38±1.50		0.88~3.88
EO%	17.8±7.0		10.8~24.8	9.4±7.0		2.4~16.4	12.3±6.0		6.3~18.3
BASO-O# (10 ⁹ /L)	0.03±0.03		0.00~0.06	0.15±0.15		0.00~0.30	0.42±0.42		0.00~0.84
BASO-O %	0.8±0.8		0.0~1.6	2.0±2.0		0.0~4.0	3.2±3.2		0.0~6.4

- 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.