

# CBC-X

## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: MARCH, APRIL.



2023-05-05

Parameters	LOW LOT 23030801		NORMAL LOT 23030802		HIGH LOT 23030803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC ( 10 <sup>9</sup> /L )	3.70±0.90		2.80~4.60	7.43±1.80		5.63~9.23	18.59±3.00		15.59~21.59
RBC ( 10 <sup>12</sup> /L )	2.37±0.15		2.22~2.52	4.55±0.20		4.35~4.75	5.72±0.30		5.42~6.02
HGB ( g/L )	60±4		56~64	131±6		125~137	174±8		166~182
MCV ( fL )	76.1±5.0		71.1~81.1	86.6±5.0		81.6~91.6	92.2±5.0		87.2~97.2
MCH ( pg )	25.3±3.0		22.3~28.3	28.8±3.0		25.8~31.8	30.4±3.0		27.4~33.4
MCHC ( g/L )	333±30		303~363	332±30		302~362	330±30		300~360
RDW-CV ( % )	14.1±5.0		9.1~19.1	12.5±5.0		7.5~17.5	12.6±5.0		7.6~17.6
RDW-SD ( fL )	34.1±10.0		24.1~44.1	35.9±10.0		25.9~45.9	38.5±10.0		28.5~48.5
HCT ( % )	18.0±2.0		16.0~20.0	39.4±2.5		36.9~41.9	52.7±3.0		49.7~55.7
PLT ( 10 <sup>9</sup> /L )	56±20		36~76	209±40		169~249	401±65		336~466
MPV ( fL )	8.7±3.0		5.7~11.7	8.8±3.0		5.8~11.8	8.9±3.0		5.9~11.9
NEUT# ( 10 <sup>9</sup> /L )	2.50±0.60		1.90~3.10	4.66±0.80		3.86~5.46	11.86±2.50		9.36~14.36
NEUT%	67.5±10.0		57.5~77.5	62.7±10.0		52.7~72.7	63.8±10.0		53.8~73.8
LYMPH# ( 10 <sup>9</sup> /L )	0.40±0.40		0.00~0.80	1.60±0.80		0.80~2.40	3.63±1.00		2.63~4.63
LYMPH%	10.6±8.0		2.6~18.6	21.6±8.0		13.6~29.6	19.5±8.0		11.5~27.5
MONO# ( 10 <sup>9</sup> /L )	0.17±0.17		0.00~0.34	0.25±0.25		0.00~0.50	0.39±0.39		0.00~0.78
MONO%	4.7±4.7		0.0~9.4	3.3±3.3		0.0~6.6	2.1±2.1		0.0~4.2
EO# ( 10 <sup>9</sup> /L )	0.61±0.40		0.21~1.01	0.68±0.60		0.08~1.28	2.23±1.50		0.73~3.73
EO%	16.4±7.0		9.4~23.4	9.2±7.0		2.2~16.2	12.0±6.0		6.0~18.0
BASO-O# ( 10 <sup>9</sup> /L )	0.03±0.03		0.00~0.06	0.24±0.24		0.00~0.48	0.48±0.48		0.00~0.96
BASO-O %	0.8±0.8		0.0~1.6	3.2±3.2		0.0~6.4	2.6±2.6		0.0~5.2

- 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.