

# CBC-X

## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

**CONTROL**

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: SEPTEMBER OCTOBER

 2023-11-05

Parameters	LOW <b>LOT</b> 23090801		NORMAL <b>LOT</b> 23090802		HIGH <b>LOT</b> 23090803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC ( 10 <sup>9</sup> /L )	3.51±0.90		2.61~4.41	6.57±1.80		4.77~8.37	17.92±3.00		14.92~20.92
RBC ( 10 <sup>12</sup> /L )	2.48±0.15		2.33~2.63	4.62±0.20		4.42~4.82	5.60±0.30		5.30~5.90
HGB ( g/L )	61±4		57~65	133±6		127~139	177±8		169~185
MCV ( fL )	71.8±5.0		66.8~76.8	83.2±5.0		78.2~88.2	90.4±5.0		85.4~95.4
MCH ( pg )	24.8±3.0		21.8~27.8	28.7±3.0		25.7~31.7	31.6±3.0		28.6~34.6
MCHC ( g/L )	345±30		315~375	345±30		315~375	350±30		320~380
RDW-CV ( % )	13.7±5.0		8.7~18.7	11.6±5.0		6.6~16.6	11.4±5.0		6.4~16.4
RDW-SD ( fL )	32.2±10.0		22.2~42.2	33.6±10.0		23.6~43.6	36.2±10.0		26.2~46.2
HCT ( % )	17.8±2.0		15.8~19.8	38.4±2.5		35.9~40.9	50.6±3.0		47.6~53.6
PLT ( 10 <sup>9</sup> /L )	50±20		30~70	196±40		156~236	425±65		360~490
MPV ( fL )	8.2±3.0		5.2~11.2	8.7±3.0		5.7~11.7	9.0±3.0		6.0~12.0
NEUT# ( 10 <sup>9</sup> /L )	2.39±0.60		1.79~2.99	3.71±0.80		2.91~4.51	12.30±2.50		9.80~14.80
NEUT%	68.1±10.0		58.1~78.1	56.5±10.0		46.5~66.5	68.6±10.0		58.6~78.6
LYMPH# ( 10 <sup>9</sup> /L )	0.44±0.4		0.04~0.84	1.72±0.80		0.92~2.52	3.36±1.00		2.36~4.36
LYMPH%	12.5±8.0		4.5~20.5	26.2±8.0		18.2~34.2	18.8±8.0		10.8~26.8
MONO# ( 10 <sup>9</sup> /L )	0.13±0.13		0.00~0.26	0.21±0.21		0.00~0.42	0.81±0.81		0.00~1.62
MONO%	3.7±3.7		0.0~7.4	3.2±3.2		0.0~6.4	4.5±4.5		0.0~9.0
EO# ( 10 <sup>9</sup> /L )	0.48±0.40		0.08~0.88	0.78±0.60		0.18~1.38	1.04±1.04		0.00~2.08
EO%	13.8±7.0		6.8~20.8	11.8±7.0		4.8~18.8	5.8±5.8		0.0~11.6
BASO-O# ( 10 <sup>9</sup> /L )	0.07±0.07		0.00~0.14	0.15±0.15		0.00~0.30	0.41±0.41		0.00~0.82
BASO-O %	1.9±1.9		0.0~3.8	2.3±2.3		0.0~4.6	2.3±2.3		0.0~4.6

- 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.