

# CBC-X

## HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: NOVEMBER, DECEMBER

 2024-01-05

Parameters	LOW <b>LOT</b> 23110801			NORMAL <b>LOT</b> 23110802			HIGH <b>LOT</b> 23110803		
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC ( 10 <sup>9</sup> /L )	3.63±0.90		2.73~4.53	7.01±1.80		5.21~8.81	18.75±3.00		15.75~21.75
RBC ( 10 <sup>12</sup> /L )	2.31±0.15		2.16~2.46	4.66±0.20		4.46~4.86	5.58±0.30		5.28~5.88
HGB ( g/L )	60±4		56~64	132±6		126~138	176±8		168~184
MCV ( fL )	73.2±5.0		68.2~78.2	80.0±5.0		75.0~85.0	88.5±5.0		83.5~93.5
MCH ( pg )	25.9±3.0		22.9~28.9	28.3±3.0		25.3~31.3	31.5±3.0		28.5~34.5
MCHC ( g/L )	355±30		325~385	354±30		324~384	356±30		326~386
RDW-CV ( % )	13.8±5.0		8.8~18.8	13.8±5.0		8.8~18.8	12.7±5.0		7.7~17.7
RDW-SD ( fL )	35.1±10.0		25.1~45.1	38.6±10.0		28.6~48.6	40.5±10.0		30.5~50.5
HCT ( % )	16.9±2.0		14.9~18.9	37.3±2.5		34.8~39.8	49.4±3.0		46.4~52.4
PLT ( 10 <sup>9</sup> /L )	49±20		29~69	232±40		192~272	455±65		390~520
MPV ( fL )	9.7±3.0		6.7~12.7	9.5±3.0		6.5~12.5	9.8±3.0		6.8~12.8
NEUT# ( 10 <sup>9</sup> /L )	2.69±0.60		2.09~3.29	4.54±0.80		3.74~5.34	14.42±2.50		11.92~16.92
NEUT%	74.1±10.0		64.1~84.1	64.8±10.0		54.8~74.8	76.9±10.0		66.9~86.9
LYMPH# ( 10 <sup>9</sup> /L )	0.34±0.34		0.00~0.68	1.27±0.80		0.47~2.07	2.19±1.00		1.19~3.19
LYMPH%	9.4±8.0		1.4~17.4	18.1±8.0		10.1~26.1	11.7±8.0		3.7~19.7
MONO# ( 10 <sup>9</sup> /L )	0.11±0.11		0.00~0.22	0.35±0.35		0.00~0.70	0.60±0.60		0.00~1.20
MONO%	3.0±3.0		0.0~6.0	5.0±5.0		0.0~10.0	3.2±3.2		0.0~6.4
EO# ( 10 <sup>9</sup> /L )	0.42±0.40		0.02~0.82	0.71±0.60		0.11~1.31	1.07±1.07		0.00~2.14
EO%	11.6±7.0		4.6~18.6	10.1±7.0		3.1~17.1	5.7±5.7		0.0~11.4
BASO-O# ( 10 <sup>9</sup> /L )	0.07±0.07		0.00~0.14	0.14±0.14		0.00~0.28	0.47±0.47		0.00~0.94
BASO-O %	1.9±1.9		0.0~3.8	2.0±2.0		0.0~4.0	2.5±2.5		0.0~5.0

- 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.