

CBC-X


HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® F560 (manual sampling)

QCP DATA MONTHS: APRIL, MAY

 2026-05-25

Parameters	LOW <input type="text" value="LOT"/> 26030801		NORMAL <input type="text" value="LOT"/> 26030802		HIGH <input type="text" value="LOT"/> 26030803				
	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range	Assay Mean	±Limit	Expected Range
WBC (10 ⁹ /L)	3.69±0.90		2.79~4.59	7.55±1.80		5.75~9.35	19.34±3.00		16.34~22.34
RBC (10 ¹² /L)	2.26±0.15		2.11~2.52	4.53±0.20		4.33~4.73	5.63±0.30		5.33~5.93
HGB (g/L)	60±4		56~64	130±6		124~136	172±8		164~180
MCV (fL)	79.2±5.0		74.2~84.2	84.8±5.0		79.8~89.8	90.6±5.0		85.6~95.6
MCH (pg)	26.5±3.0		23.5~29.5	28.7±3.0		25.7~31.7	30.6±3.0		27.6~33.6
MCHC (g/L)	335±30		305~365	338±30		308~368	338±30		308~368
RDW-CV (%)	13.1±5.0		8.1~18.1	12.0±5.0		7.0~17.0	11.9±5.0		6.9~16.9
RDW-SD (fL)	33.6±10.0		23.6~43.6	34.3±10.0		24.3~44.3	36.6±10.0		26.6~46.6
HCT (%)	17.9±2.0		15.9~19.9	38.4±2.5		35.9~40.9	51.0±3.0		48.0~54.0
PLT (10 ⁹ /L)	64±20		44~84	235±40		195~275	421±65		356~486
MPV (fL)	6.4±3.0		3.4~9.4	7.1±3.0		4.1~10.1	8.0±3.0		5.0~11.0
NEUT# (10 ⁹ /L)	2.20±0.60		1.60~2.80	4.09±0.80		3.29~4.89	12.56±2.50		10.06~15.06
NEUT%	59.6±10.0		49.6~69.6	54.2±10.0		44.2~64.2	64.9±10.0		54.9~74.9
LYMPH# (10 ⁹ /L)	0.52±0.40		0.12~0.92	1.72±0.80		0.92~2.52	3.46±1.00		2.46~4.46
LYMPH%	14.1±8.0		6.1~22.1	22.8±8.0		14.8~30.8	17.9±8.0		9.9~25.9
MONO# (10 ⁹ /L)	0.19±0.19		0.00~0.38	0.35±0.35		0.00~0.70	0.93±0.93		0.00~1.86
MONO%	5.1±5.1		0.0~10.2	4.6±4.6		0.0~9.2	4.8±4.8		0.0~9.6
EO# (10 ⁹ /L)	0.69±0.40		0.29~1.09	1.09±0.60		0.49~1.69	1.89±1.50		0.39~3.39
EO%	18.7±7.0		11.7~25.7	14.4±7.0		7.4~21.4	9.8±7.0		2.8~16.8
BASO-O# (10 ⁹ /L)	0.09±0.09		0.00~0.18	0.30±0.30		0.00~0.60	0.50±0.50		0.00~1.00
BASO-O %	2.5±2.5		0.0~5.0	4.0±4.0		0.0~8.0	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.