

# CBC-X

## HEMATOLOGY CONTROLS

### ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: JANUARY, FEBRUARY.

 2024-03-05

Parameters	LOW		NORMAL		HIGH	
	Assay Mean	±Limit	Assay Mean	±Limit	Assay Mean	±Limit
	LOT 24010801		LOT 24010802		LOT 24010803	
		Expected Range		Expected Range		Expected Range
WBC (10 <sup>9</sup> /L)	3.53±0.90	2.63~4.43	7.12±1.80	5.32~8.92	17.97±3.00	14.97~20.97
RBC (10 <sup>12</sup> /L)	2.33±0.15	2.18~2.48	4.52±0.20	4.32~4.72	5.47±0.30	5.17~5.77
HGB (g/L)	61±4	57~65	132±6	126~138	175±8	167~183
MCV (fL)	73.9±5.0	68.9~78.9	83.0±5.0	78.0~88.0	90.4±5.0	85.4~95.4
MCH (pg)	26.0±3.0	23.0~29.0	29.3±3.0	26.3~32.3	32.1±3.0	29.1~35.1
MCHC (g/L)	352±30	322~382	353±30	323~383	355±30	325~385
RDW-CV (%)	13.3±5.0	8.3~18.3	11.9±5.0	6.9~16.9	11.3±5.0	6.3~16.3
RDW-SD (fL)	32.6±10.0	22.6~42.6	34.1±10.0	24.1~44.1	35.9±10.0	25.9~45.9
HCT (%)	17.2±2.0	15.2~19.2	37.5±2.5	35.0~40.0	49.4±3.0	46.4~52.4
PLT (10 <sup>9</sup> /L)	46±20	26~66	223±40	183~263	445±65	380~510
MPV (fL)	8.0±3.0	5.0~11.0	8.2±3.0	5.2~11.2	8.9±3.0	5.9~11.9
NEUT# (10 <sup>9</sup> /L)	2.07±0.60	1.47~2.67	3.98±0.80	3.18~4.78	11.64±2.50	9.14~14.14
NEUT%	58.7±10.0	48.7~68.7	55.9±10.0	45.9~65.9	64.8±10.0	54.8~74.8
LYMPH# (10 <sup>9</sup> /L)	0.41±0.40	0.01~0.81	1.58±0.80	0.78~2.38	3.20±1.00	2.20~4.20
LYMPH%	11.6±8.0	3.6~19.6	22.2±8.0	14.2~30.2	17.8±8.0	9.8~25.8
MONO# (10 <sup>9</sup> /L)	0.12±0.12	0.00~0.24	0.23±0.23	0.00~0.46	0.42±0.42	0.00~0.84
MONO%	3.4±3.4	0.0~6.8	3.3±3.3	0.0~6.6	2.3±2.3	0.0~4.6
EO# (10 <sup>9</sup> /L)	0.89±0.40	0.49~1.29	1.17±0.60	0.57~1.77	2.25±1.50	0.75~3.75
EO%	25.2±7.0	18.2~32.2	16.4±7.0	9.4~23.4	12.5±6.0	6.5~18.5
BASO-O# (10 <sup>9</sup> /L)	0.04±0.04	0.00~0.08	0.16±0.16	0.00~0.32	0.46±0.46	0.00~0.92
BASO-O %	1.1±1.1	0.0~2.2	2.2±2.2	0.0~4.4	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.