

CBC-X


HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura®JASDAQ®F580 (manual sampling)

QCP DATA MONTHS: DECEMBER, JANUARY

 2026-01-25

| Parameters | LOW <input type="text" value="LOT"/> 25110801 | | NORMAL <input type="text" value="LOT"/> 25110802 | | HIGH <input type="text" value="LOT"/> 25110803 | | | | |
|------------------------------|--|--------|---|------------|---|----------------|------------|--------|----------------|
| | Assay Mean | ±Limit | Expected Range | Assay Mean | ±Limit | Expected Range | Assay Mean | ±Limit | Expected Range |
| WBC (10 ⁹ /L) | 3.89±0.90 | | 2.99~4.79 | 7.71±1.80 | | 5.91~9.51 | 18.60±3.00 | | 15.60~21.60 |
| RBC (10 ¹² /L) | 2.31±0.15 | | 2.16~2.46 | 4.69±0.20 | | 4.49~4.89 | 5.63±0.30 | | 5.33~5.93 |
| HGB (g/L) | 59±4 | | 55~63 | 130±6 | | 124~136 | 172±8 | | 164~180 |
| MCV (fL) | 76.1±5.0 | | 71.1~81.1 | 84.3±5.0 | | 79.3~89.3 | 91.1±5.0 | | 86.1~96.1 |
| MCH (pg) | 25.6±3.0 | | 22.6~28.6 | 27.8±3.0 | | 24.8~30.8 | 30.5±3.0 | | 27.5~33.5 |
| MCHC (g/L) | 336±30 | | 306~366 | 330±30 | | 300~360 | 335±30 | | 305~365 |
| RDW-CV (%) | 12.6±5.0 | | 7.6~17.6 | 11.5±5.0 | | 6.5~16.5 | 11.0±5.0 | | 6.0~16.0 |
| RDW-SD (fL) | 34.3±10.0 | | 24.3~44.3 | 35.8±10.0 | | 25.8~45.8 | 37.4±10.0 | | 27.4~47.4 |
| HCT (%) | 17.6±2.0 | | 15.6~19.6 | 39.5±2.5 | | 37.0~42.0 | 51.3±3.0 | | 48.3~54.3 |
| PLT (10 ⁹ /L) | 43±20 | | 23~63 | 241±40 | | 201~281 | 471±65 | | 406~536 |
| MPV (fL) | 8.4±3.0 | | 5.4~11.4 | 9.4±3.0 | | 6.4~12.4 | 9.6±3.0 | | 6.6~12.6 |
| NEUT# (10 ⁹ /L) | 2.74±0.60 | | 2.14~3.34 | 4.65±0.80 | | 3.85~5.45 | 12.96±2.50 | | 10.46~15.46 |
| NEUT% | 70.6±10.0 | | 60.6~80.6 | 60.3±10.0 | | 50.3~70.3 | 69.7±10.0 | | 59.7~79.7 |
| LYMPH# (10 ⁹ /L) | 0.40±0.40 | | 0.00~0.70 | 1.64±0.80 | | 0.84~2.44 | 3.21±1.00 | | 2.21~4.21 |
| LYMPH% | 10.4±8.0 | | 2.4~18.4 | 21.3±8.0 | | 13.3~29.3 | 17.3±8.0 | | 9.3~25.3 |
| MONO# (10 ⁹ /L) | 0.15±0.15 | | 0.00~0.30 | 0.22±0.22 | | 0.00~0.44 | 0.51±0.51 | | 0.00~1.02 |
| MONO% | 3.9±3.9 | | 0.0~7.8 | 2.9±2.9 | | 0.0~5.8 | 2.7±2.7 | | 0.0~5.4 |
| EO# (10 ⁹ /L) | 0.52±0.40 | | 0.12~0.92 | 0.85±0.60 | | 0.25~1.45 | 1.47±1.47 | | 0.00~2.94 |
| EO% | 13.4±7.0 | | 6.4~20.4 | 11.0±7.0 | | 4.0~18.0 | 7.9±7.0 | | 0.9~14.9 |
| BASO-O# (10 ⁹ /L) | 0.08±0.08 | | 0.00~0.16 | 0.35±0.35 | | 0.00~0.70 | 0.45±0.45 | | 0.00~0.90 |
| BASO-O % | 1.8±1.8 | | 0.0~3.6 | 4.5±4.5 | | 0.0~9.0 | 2.4±2.4 | | 0.0~4.8 |

- 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.