

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: **MAY, JUNE.**



2023-07-05

| Parameters | LOW | | NORMAL | | | HIGH | | | |
|--------------------------------|--------------|--------|----------------|------------|--------|----------------|------------|--------|----------------|
| | Assay Mean | ±Limit | Expected Range | Assay Mean | ±Limit | Expected Range | Assay Mean | ±Limit | Expected Range |
| | LOT 23050801 | | LOT 23050802 | | | LOT 23050803 | | | |
| WBC (10 ⁹ /L) | 3.76±0.90 | | 2.86~4.66 | 7.44±1.80 | | 5.64~9.24 | 19.67±3.00 | | 16.67~22.67 |
| RBC (10 ¹² /L) | 2.32±0.15 | | 2.17~2.47 | 4.60±0.20 | | 4.40~4.80 | 5.69±0.30 | | 5.39~5.99 |
| HGB (g/L) | 59±4 | | 55~63 | 133±6 | | 127~139 | 177±8 | | 169~185 |
| MCV (fL) | 75.0±5.0 | | 70.0~80.0 | 85.0±5.0 | | 80.0~90.0 | 91.5±5.0 | | 86.5~96.5 |
| MCH (pg) | 25.5±3.0 | | 22.5~28.5 | 28.9±3.0 | | 25.9~31.9 | 31.1±3.0 | | 28.1~34.1 |
| MCHC (g/L) | 340±30 | | 310~370 | 340±30 | | 310~370 | 340±30 | | 310~370 |
| RDW-CV (%) | 13.4±5.0 | | 8.4~18.4 | 12.5±5.0 | | 7.5~17.5 | 12.2±5.0 | | 7.2~17.2 |
| RDW-SD (fL) | 32.9±10.0 | | 22.9~42.9 | 35.7±10.0 | | 25.7~45.7 | 37.8±10.0 | | 27.8~47.8 |
| HCT (%) | 17.4±2.0 | | 15.4~19.4 | 39.1±2.5 | | 36.6~41.6 | 52.1±3.0 | | 49.1~55.1 |
| PLT (10 ⁹ /L) | 49±20 | | 29~69 | 193±40 | | 153~233 | 380±65 | | 315~445 |
| MPV (fL) | 8.1±3.0 | | 5.1~11.1 | 8.4±3.0 | | 5.4~11.4 | 8.7±3.0 | | 5.7~11.7 |
| NEUT# (10 ⁹ /L) | 2.57±0.60 | | 1.97~3.17 | 4.45±0.80 | | 3.65~5.25 | 12.51±2.50 | | 10.01~15.01 |
| NEUT% | 68.2±10.0 | | 58.2~78.2 | 59.8±10.0 | | 49.8~69.8 | 63.6±10.0 | | 53.6~73.6 |
| LYMPH# (10 ⁹ /L) | 0.60±0.40 | | 0.20~1.00 | 1.95±0.80 | | 1.15~2.75 | 3.57±1.00 | | 2.57~4.57 |
| LYMPH% | 15.9±8.0 | | 7.9~23.9 | 26.3±8.0 | | 18.3~34.3 | 18.2±8.0 | | 10.2~26.2 |
| MONO# (10 ⁹ /L) | 0.18±0.18 | | 0.00~0.36 | 0.36±0.36 | | 0.00~0.72 | 0.82±0.82 | | 0.00~1.64 |
| MONO% | 4.8±4.8 | | 0.0~9.6 | 4.8±4.8 | | 0.0~9.6 | 4.2±4.2 | | 0.0~8.4 |
| EO# (10 ⁹ /L) | 0.40±0.40 | | 0.00~0.80 | 0.65±0.60 | | 0.05~1.25 | 2.33±1.50 | | 0.83~3.83 |
| EO% | 10.7±7.0 | | 3.7~17.7 | 8.8±7.0 | | 1.8~15.8 | 11.9±6.0 | | 5.9~17.9 |
| BASO-O# (10 ⁹ /L) | 0.04±0.04 | | 0.00~0.08 | 0.15±0.15 | | 0.00~0.30 | 0.39±0.39 | | 0.00~0.78 |
| BASO-O % | 1.1±1.1 | | 0.0~2.2 | 2.0±2.0 | | 0.0~4.0 | 2.0±2.0 | | 0.0~4.0 |

- 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.