

CBC-X

HEMATOLOGY CONTROLS

ASSAY VALUES AND EXPECTED RANGES

CONTROL

maccura® JASDAQ®F560 (manual sampling)

QCP DATA MONTHS: JULY,AUGUST



2023-09-05

| Parameters | LOW | | NORMAL | | HIGH | |
|--------------------------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Assay Mean | ±Limit | Assay Mean | ±Limit | Assay Mean | ±Limit |
| | LOT 23070801 | | LOT 23070802 | | LOT 23070803 | |
| | | Expected Range | | Expected Range | | Expected Range |
| WBC (10 ⁹ /L) | 3.65±0.90 | 2.75~4.55 | 7.56±1.80 | 5.76~9.36 | 19.47±3.00 | 16.47~22.47 |
| RBC (10 ¹² /L) | 2.34±0.15 | 2.19~2.49 | 4.69±0.20 | 4.49~4.89 | 5.65±0.30 | 5.35~5.95 |
| HGB (g/L) | 58±4 | 54~62 | 132±6 | 126~138 | 176±8 | 168~184 |
| MCV (fL) | 73.5±5.0 | 68.5~78.5 | 83.6±5.0 | 78.6~88.6 | 91.9±5.0 | 86.9~96.9 |
| MCH (pg) | 24.9±3.0 | 21.9~27.9 | 28.1±3.0 | 25.1~31.1 | 31.1±3.0 | 28.1~34.1 |
| MCHC (g/L) | 339±30 | 309~369 | 336±30 | 306~366 | 338±30 | 308~368 |
| RDW-CV (%) | 14.9±5.0 | 9.9~19.9 | 12.5±5.0 | 7.5~17.5 | 12.0±5.0 | 7.0~17.0 |
| RDW-SD (fL) | 34.4±10.0 | 24.4~44.4 | 35.1±10.0 | 25.1~45.1 | 37.6±10.0 | 27.6~47.6 |
| HCT (%) | 17.2±2.0 | 15.2~19.2 | 39.2±2.5 | 36.7~41.7 | 52.0±3.0 | 49.0~55.0 |
| PLT (10 ⁹ /L) | 55±20 | 35~75 | 200±40 | 160~240 | 385±65 | 320~450 |
| MPV (fL) | 8.1±3.0 | 5.1~11.1 | 8.3±3.0 | 5.3~11.3 | 8.9±3.0 | 5.9~11.9 |
| NEUT# (10 ⁹ /L) | 2.34±0.60 | 1.74~2.94 | 0.21±0.80 | 0.00~1.01 | 11.58±2.50 | 9.08~14.08 |
| NEUT% | 64.2±10.0 | 54.2~74.2 | 2.8±10.0 | 0.0~12.8 | 59.5±10.0 | 49.5~69.5 |
| LYMPH# (10 ⁹ /L) | 0.39±0.40 | 0.00~0.79 | 1.59±0.80 | 0.79~2.39 | 3.90±1.00 | 2.90~4.90 |
| LYMPH% | 10.7±8.0 | 2.7~18.7 | 21.2±8.0 | 13.2~29.2 | 20.0±8.0 | 12.0~28.0 |
| MONO# (10 ⁹ /L) | 0.19±0.19 | 0.00~0.38 | 0.06±0.06 | 0.00~0.12 | 0.86±0.86 | 0.00~1.72 |
| MONO% | 5.3±5.3 | 0.0~10.6 | 0.8±0.8 | 0.0~1.6 | 4.4±4.4 | 0.0~8.8 |
| EO# (10 ⁹ /L) | 0.70±0.40 | 0.30~1.10 | 5.42±0.60 | 4.82~6.02 | 2.83±1.50 | 1.33~4.33 |
| EO% | 19.1±7.0 | 12.1~26.1 | 71.9±7.0 | 64.9~78.9 | 14.5±6.0 | 8.5~20.5 |
| BASO-O# (10 ⁹ /L) | 0.04±0.04 | 0.00~0.08 | 0.26±0.26 | 0.00~0.52 | 0.32±0.32 | 0.00~0.64 |
| BASO-O % | 1.0±1.0 | 0.0~2.0 | 3.4±3.4 | 0.0~6.8 | 1.6±1.6 | 0.0~3.2 |

- 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.