


CBC-DH

HEMATOLOGY CONTROLS

CONTROL
LOT E5171-02

 2021-11-10

Assay values and ranges provided by Wheisman

| Instrument | Parameter | Unit | Low | | Normal | | High | |
|------------------------------|---------------------|----------------------|-------------|--------------|-------------|--------------|--------------|--------------|
| Wheisman AC 610 AC 630 | WBC | ×10 ⁹ /L | 3.24 | ±0.50 | 7.77 | ±1.0 | 18.07 | ±2.50 |
| | Neu% | % | 50.0 | ±16.0 | 55.7 | ±8.0 | 62.4 | ±8.0 |
| | Lym% | % | 38.5 | ±21.0 | 32.2 | ±8.0 | 20.8 | ±8.0 |
| | Mon% | % | 5.4 | ±4.0 | 4.5 | ±4.0 | 5.3 | ±4.0 |
| | Eos% | % | 6.1 | ±6.1 | 7.6 | ±7.6 | 11.5 | ±11.5 |
| | Bas% | % | 60.7 | ±10.0 | 66.7 | ±10.0 | 74.5 | ±10.0 |
| | Neu# | ×10 ⁹ /L | 1.62 | ±0.48 | 4.33 | ±0.65 | 11.28 | ±1.40 |
| | Lym# | ×10 ⁹ /L | 1.25 | ±0.63 | 2.50 | ±0.65 | 3.76 | ±1.40 |
| | Mon# | ×10 ⁹ /L | 0.18 | ±0.30 | 0.34 | ±0.32 | 0.96 | ±0.70 |
| | Eos# | ×10 ⁹ /L | 0.20 | ±0.20 | 0.59 | ±0.59 | 2.07 | ±2.07 |
| | Bas# | ×10 ⁹ /L | 1.96 | ±0.35 | 5.18 | ±0.80 | 13.47 | ±1.75 |
| | RBC | ×10 ¹² /L | 2.49 | ±0.24 | 4.64 | ±0.24 | 5.52 | ±0.30 |
| | HGB | g/L | 61 | ±6 | 132 | ±6 | 169 | ±8 |
| | HCT | % | 19.0 | ±2.0 | 39.4 | ±3.0 | 48.9 | ±4 |
| | MCV | fL | 76.6 | ±5.0 | 85.6 | ±5.0 | 88.5 | ±5.0 |
| | MCH | pg | 24.60 | ±2.5 | 28.62 | ±2.5 | 30.62 | ±2.5 |
| | MCHC | g/L | 320 | ±30 | 334 | ±30 | 345 | ±30 |
| | RDW-CV | % | 10.10 | ±3.0 | 10.20 | ±3.0 | 10.24 | ±3.0 |
| | RDW-SD | fL | 29.28 | ±8.0 | 34.90 | ±8.0 | 37.18 | ±8.0 |
| | PLT | ×10 ⁹ /L | 65 | ±20 | 285 | ±40 | 539 | ±60 |
| MPV | fL | 10.0 | ±3.0 | 9.60 | ±3.0 | 9.70 | ±3.0 | |
| PDW | / | 15.66 | ±3.0 | 15.34 | ±3.0 | 15.28 | ±3.0 | |
| PCT | % | 0.072 | ±0.045 | 0.266 | ±0.100 | 0.522 | ±0.200 | |
| P-LCR | % | 43.60 | ±10.0 | 39.40 | ±10.0 | 40.20 | ±10.0 | |
| P-LCC | ×10 ⁹ /L | 30 | ±10 | 110 | ±25 | 217 | ±35 | |

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature (15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.