

DM-3D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT B1121

2021-10-14

2022-02-10

| Instrument | Parameter | Unit | Low | | Normal | | High | |
|--|------------|--------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| DYMIND | WBC | $\times 10^9/L$ | 1.94 | ± 0.60 | 7.85 | ± 1.00 | 21.40 | ± 2.50 |
| DH31 | Lym% | % | 57.8 | ± 9.0 | 31.0 | ± 8.0 | 10.7 | ± 8.0 |
| DH33 | Gran% | % | 27.8 | ± 9.0 | 61.5 | ± 8.0 | 81.3 | ± 8.0 |
| DH36 | Mid% | % | 14.4 | ± 10.0 | 7.5 | ± 6.0 | 8.0 | ± 4.0 |
| (Technical File Version A5.0 or higher) | Lym# | $\times 10^9/L$ | 1.12 | ± 0.30 | 2.43 | ± 0.70 | 2.29 | ± 2.00 |
| | Gran# | $\times 10^9/L$ | 0.54 | ± 0.30 | 4.83 | ± 0.70 | 17.40 | ± 2.00 |
| DH31Vet | Mid# | $\times 10^9/L$ | 0.28 | ± 0.20 | 0.59 | ± 0.50 | 1.71 | ± 0.50 |
| DH36Vet | RBC | $\times 10^{12}/L$ | 2.46 | ± 0.24 | 4.79 | ± 0.24 | 5.97 | ± 0.30 |
| (Technical File Version A1.0 to A4.0) | HGB | g/L | 60 | ± 6 | 137 | ± 6 | 189 | ± 8 |
| | HCT | % | 19.3 | ± 2.0 | 43.7 | ± 3.0 | 59.4 | ± 4.0 |
| | MCV | fL | 78.5 | ± 5.0 | 91.1 | ± 5.0 | 99.6 | ± 5.0 |
| | MCH | pg | 24.3 | ± 2.5 | 28.5 | ± 2.5 | 31.7 | ± 2.5 |
| | MCHC | g/L | 310 | ± 30 | 313 | ± 30 | 319 | ± 30 |
| | RDW-CV | % | 17.7 | ± 3.0 | 16.8 | ± 3.0 | 15.9 | ± 3.0 |
| | RDW-SD | fL | 47.2 | ± 8.0 | 52.1 | ± 8.0 | 54.0 | ± 8.0 |
| | PLT | $\times 10^9/L$ | 69 | ± 20 | 263 | ± 40 | 517 | ± 60 |
| | MPV | fL | 9.4 | ± 3.0 | 10.0 | ± 3.0 | 9.7 | ± 3.0 |
| | PDW | / | 16.0 | ± 3.0 | 16.2 | ± 3.0 | 16.3 | ± 3.0 |
| | PDW | fL | 11.8 | ± 3.0 | 12.9 | ± 3.0 | 12.8 | ± 3.0 |
| | PCT | % | 0.065 | ± 0.065 | 0.263 | ± 0.200 | 0.504 | ± 0.200 |
| | P-LCR | % | 23.8 | ± 10.0 | 27.7 | ± 10.0 | 26.2 | ± 10.0 |
| | P-LCC | $\times 10^9/L$ | 17 | ± 15 | 73 | ± 25 | 136 | ± 30 |

【NOTE】

1. The controls should be stored in refrigerator (2~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2~8°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(15~30°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.



Low



Normal



High

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| Instrument | Parameter | Unit | Low | | Normal | | High | |
|--|------------|--------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| DYMIND | WBC | $\times 10^9/L$ | 1.97 | ± 0.60 | 7.72 | ± 1.00 | 21.09 | ± 2.50 |
| DH20 | Lym% | % | 59.2 | ± 9.0 | 31.1 | ± 8.0 | 11.1 | ± 8.0 |
| DH21 | Gran% | % | 28.2 | ± 9.0 | 63.9 | ± 8.0 | 83.6 | ± 8.0 |
| DH22 | Mid% | % | 12.6 | ± 10.0 | 5.0 | ± 5.0 | 5.3 | ± 4.0 |
| DH23 | Lym# | $\times 10^9/L$ | 1.16 | ± 0.30 | 2.40 | ± 0.70 | 2.34 | ± 2.00 |
| DH25 | Gran# | $\times 10^9/L$ | 0.56 | ± 0.30 | 4.93 | ± 0.70 | 17.63 | ± 2.00 |
| DH26 | Mid# | $\times 10^9/L$ | 0.25 | ± 0.20 | 0.39 | ± 0.39 | 1.12 | ± 0.50 |
| (Technical File Version A1.0 or higher) | RBC | $\times 10^{12}/L$ | 2.45 | ± 0.24 | 4.67 | ± 0.24 | 5.83 | ± 0.30 |
| | HGB | g/L | 58 | ± 6 | 135 | ± 6 | 190 | ± 8 |
| | HCT | % | 18.4 | ± 2.0 | 39.3 | ± 3.0 | 53.4 | ± 4.0 |
| | MCV | fL | 74.9 | ± 5.0 | 84.1 | ± 5.0 | 91.6 | ± 5.0 |
| | MCH | pg | 23.8 | ± 2.5 | 28.9 | ± 2.5 | 32.5 | ± 2.5 |
| | MCHC | g/L | 317 | ± 30 | 343 | ± 30 | 355 | ± 30 |
| | RDW-CV | % | 17.2 | ± 3.0 | 15.3 | ± 3.0 | 14.2 | ± 3.0 |
| | RDW-SD | fL | 48.5 | ± 8.0 | 48.4 | ± 8.0 | 48.8 | ± 8.0 |
| | PLT | $\times 10^9/L$ | 62 | ± 20 | 266 | ± 40 | 535 | ± 60 |
| | MPV | fL | 10.5 | ± 3.0 | 10.6 | ± 3.0 | 10.3 | ± 3.0 |
| | PDW | fL | 10.7 | ± 3.0 | 12.0 | ± 3.0 | 11.9 | ± 3.0 |
| | PCT | % | 0.065 | ± 0.065 | 0.282 | ± 0.200 | 0.550 | ± 0.200 |
| | P-LCR | % | 30.0 | ± 10.0 | 31.5 | ± 10.0 | 29.4 | ± 10.0 |
| | P-LCC | $\times 10^9/L$ | 19 | ± 15 | 84 | ± 25 | 157 | ± 30 |

【NOTE】

1. The controls should be stored in refrigerator (2~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2~8°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(15~30°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.



Low



Normal



High

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| Instrument | Parameter | Unit | Low | | Normal | | High | |
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| DYMIND DH31Vet DH36Vet (Technical File Version A5.0 or higher) | WBC | ×10 ⁹ /L | 1.89 | ±0.60 | 7.71 | ±1.00 | 20.70 | ±2.50 |
| | Lym% | % | 54.9 | ±9.0 | 28.8 | ±8.0 | 10.0 | ±8.0 |
| | Gran% | % | 28.9 | ±9.0 | 63.1 | ±8.0 | 82.5 | ±8.0 |
| | Mid% | % | 16.2 | ±10.0 | 8.1 | ±6.0 | 7.5 | ±4.0 |
| | Lym# | ×10 ⁹ /L | 1.04 | ±0.30 | 2.22 | ±0.70 | 2.07 | ±2.00 |
| | Gran# | ×10 ⁹ /L | 0.54 | ±0.30 | 4.87 | ±0.70 | 17.08 | ±2.00 |
| | Mid# | ×10 ⁹ /L | 0.31 | ±0.20 | 0.62 | ±0.50 | 1.55 | ±0.50 |
| | RBC | ×10 ¹² /L | 2.40 | ±0.24 | 4.61 | ±0.24 | 5.70 | ±0.30 |
| | HGB | g/L | 58 | ±6 | 131 | ±6 | 181 | ±8 |
| | HCT | % | 19.6 | ±2.0 | 42.7 | ±3.0 | 57.5 | ±4.0 |
| | MCV | fL | 81.8 | ±5.0 | 92.6 | ±5.0 | 101.0 | ±5.0 |
| | MCH | pg | 24.0 | ±2.5 | 28.4 | ±2.5 | 31.8 | ±2.5 |
| | MCHC | g/L | 294 | ±30 | 306 | ±30 | 315 | ±30 |
| | RDW-CV | % | 16.6 | ±3.0 | 14.5 | ±3.0 | 13.5 | ±3.0 |
| | RDW-SD | fL | 53.4 | ±8.0 | 52.7 | ±8.0 | 53.3 | ±8.0 |
| | PLT | ×10 ⁹ /L | 64 | ±20 | 260 | ±40 | 533 | ±60 |
| | MPV | fL | 11.5 | ±3.0 | 11.8 | ±3.0 | 11.6 | ±3.0 |
| | PDW | fL | 11.1 | ±3.0 | 12.3 | ±3.0 | 12.2 | ±3.0 |
| PCT | % | 0.073 | ±0.073 | 0.307 | ±0.200 | 0.620 | ±0.200 | |

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| Instrument | Parameter | Unit | Low | | Normal | | High | |
|---|---------------------|----------------------|-------------|--------|-------------|--------|--------------|--------|
| DYMIND | WBC | ×10 ⁹ /L | 1.96 | ±0.60 | 7.84 | ±1.00 | 20.97 | ±2.50 |
| DH36X (Technical File Version A1.0 or higher) | Lym% | % | 68.3 | ±9.0 | 35.2 | ±8.0 | 16.7 | ±8.0 |
| | Gran% | % | 28.4 | ±9.0 | 62.2 | ±8.0 | 80.6 | ±8.0 |
| | Mid% | % | 3.3 | ±3.3 | 2.6 | ±2.6 | 2.7 | ±2.7 |
| | Lym# | ×10 ⁹ /L | 1.34 | ±0.30 | 2.76 | ±0.70 | 3.50 | ±2.00 |
| | Gran# | ×10 ⁹ /L | 0.56 | ±0.30 | 4.88 | ±0.70 | 16.90 | ±2.00 |
| | Mid# | ×10 ⁹ /L | 0.06 | ±0.06 | 0.20 | ±0.20 | 0.57 | ±0.50 |
| | RBC | ×10 ¹² /L | 2.47 | ±0.24 | 4.67 | ±0.24 | 5.75 | ±0.30 |
| | HGB | g/L | 59 | ±6 | 134 | ±6 | 185 | ±8 |
| | HCT | % | 19.3 | ±2.0 | 41.2 | ±3.0 | 55.1 | ±4.0 |
| | MCV | fL | 78.0 | ±5.0 | 88.2 | ±5.0 | 95.8 | ±5.0 |
| | MCH | pg | 23.9 | ±2.5 | 28.6 | ±2.5 | 32.1 | ±2.5 |
| | MCHC | g/L | 305 | ±30 | 324 | ±30 | 335 | ±30 |
| | RDW-CV | % | 17.6 | ±3.0 | 15.4 | ±3.0 | 14.3 | ±3.0 |
| | RDW-SD | fL | 51.4 | ±8.0 | 50.8 | ±8.0 | 51.2 | ±8.0 |
| | PLT | ×10 ⁹ /L | 66 | ±20 | 257 | ±40 | 520 | ±60 |
| | MPV | fL | 9.8 | ±3.0 | 10.3 | ±3.0 | 10.1 | ±3.0 |
| | PDW | fL | 13.3 | ±3.0 | 14.3 | ±3.0 | 14.2 | ±3.0 |
| | PCT | % | 0.065 | ±0.065 | 0.265 | ±0.200 | 0.524 | ±0.200 |
| | P-LCR | % | 31.5 | ±10.0 | 35.0 | ±10.0 | 33.3 | ±10.0 |
| P-LCC | ×10 ⁹ /L | 21 | ±15 | 90 | ±25 | 173 | ±30 | |

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