

HC5D-B

(Cat No.1510)

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT E5211-02

EXP. 2025-03-16

| Instrument | Parameter | Unit | Low | | Normal | | High | |
|--|------------|----------------------|-------------|-------|-------------|-------|--------------|-------|
| Hemax530AL & Hemax 530 QC 技术文件版本810及 之前版本 | WBC | ×10 ⁹ /L | 3.07 | ±0.50 | 7.16 | ±1.00 | 15.39 | ±2.50 |
| | Neu% | % | 55.2 | ±18.0 | 58.5 | ±16.0 | 65.0 | ±15.0 |
| | Lym% | % | 31.3 | ±15.0 | 26.0 | ±14.0 | 18.3 | ±12.0 |
| | Mon% | % | 5.9 | ±5.8 | 5.5 | ±5.4 | 6.0 | ±5.9 |
| | Eos% | % | 7.1 | ±7.0 | 9.5 | ±9.4 | 10.2 | ±10.1 |
| | Bas% | % | 0.5 | ±0.5 | 0.5 | ±0.5 | 0.5 | ±0.5 |
| | Neu# | ×10 ⁹ /L | 1.69 | ±0.55 | 4.19 | ±1.15 | 10.00 | ±2.31 |
| | Lym# | ×10 ⁹ /L | 0.96 | ±0.46 | 1.86 | ±1.00 | 2.82 | ±1.85 |
| | Mon# | ×10 ⁹ /L | 0.18 | ±0.17 | 0.39 | ±0.38 | 0.92 | ±0.91 |
| | Eos# | ×10 ⁹ /L | 0.22 | ±0.21 | 0.68 | ±0.67 | 1.57 | ±1.56 |
| | Bas# | ×10 ⁹ /L | 0.02 | ±0.02 | 0.04 | ±0.04 | 0.08 | ±0.08 |
| | RBC | ×10 ¹² /L | 2.32 | ±0.18 | 4.57 | ±0.24 | 5.22 | ±0.50 |
| | HGB | g/L | 60 | ±4 | 133 | ±6 | 170 | ±8 |
| | HCT | % | 17.8 | ±2.0 | 39.1 | ±3.0 | 48.5 | ±4.0 |
| | MCV | fL | 76.5 | ±5.0 | 85.4 | ±5.0 | 92.8 | ±6.0 |
| | MCH | pg | 26.5 | ±2.5 | 27.8 | ±2.5 | 30.8 | ±2.5 |
| | MCHC | g/L | 344 | ±30 | 333 | ±30 | 340 | ±30 |
| | RDW-CV | % | 16.8 | ±6.0 | 16.5 | ±6.0 | 16.0 | ±6.0 |
| | RDW-SD | fL | 43.0 | ±24.0 | 51.9 | ±24.0 | 53.7 | ±24.0 |
| | PLT | ×10 ⁹ /L | 65 | ±20 | 244 | ±40 | 460 | ±60 |
| MPV | fL | 9.5 | ±3.0 | 9.2 | ±3.0 | 9.5 | ±3.0 | |
| PDW | / | 11.0 | ±6.0 | 12.3 | ±6.0 | 13.4 | ±6.0 | |

HC5D-B

(Cat No.1510)

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT E5211-02

EXP. 2025-03-16

| Instrument | Parameter | Unit | Low | | Normal | | High | |
|---|------------|----------------------|-------------|-------|-------------|-------|--------------|-------|
| Hemax530AL QC 技术文件版本812及 813版本 | WBC | ×10 ⁹ /L | 3.07 | ±0.50 | 7.16 | ±1.00 | 15.39 | ±2.50 |
| | Neu% | % | 55.2 | ±18.0 | 58.5 | ±16.0 | 65.0 | ±15.0 |
| | Lym% | % | 31.3 | ±15.0 | 26.0 | ±14.0 | 18.3 | ±12.0 |
| | Mon% | % | 5.9 | ±5.8 | 5.5 | ± 5.4 | 6.0 | ±5.9 |
| | Eos% | % | 7.1 | ±7.0 | 9.5 | ±9.4 | 10.2 | ±10.1 |
| | Bas% | % | 0.5 | ±0.5 | 0.5 | ±0.5 | 0.5 | ±0.5 |
| | Neu# | ×10 ⁹ /L | 1.69 | ±0.55 | 4.19 | ±1.15 | 10.00 | ±2.31 |
| | Lym# | ×10 ⁹ /L | 0.96 | ±0.46 | 1.86 | ±1.00 | 2.82 | ±1.85 |
| | Mon# | ×10 ⁹ /L | 0.18 | ±0.17 | 0.39 | ±0.38 | 0.92 | ±0.91 |
| | Eos# | ×10 ⁹ /L | 0.22 | ±0.21 | 0.68 | ±0.67 | 1.57 | ±1.56 |
| | Bas# | ×10 ⁹ /L | 0.02 | ±0.02 | 0.04 | ±0.04 | 0.08 | ±0.08 |
| | RBC | ×10 ¹² /L | 2.32 | ±0.18 | 4.57 | ±0.24 | 5.22 | ±0.50 |
| | HGB | g/L | 63 | ±4 | 135 | ±6 | 171 | ±8 |
| | HCT | % | 17.8 | ±2.0 | 39.1 | ±3.0 | 48.5 | ±4.0 |
| | MCV | fL | 76.5 | ±5.0 | 85.4 | ±5.0 | 92.8 | ±6.0 |
| | MCH | pg | 27.5 | ±2.5 | 29.8 | ±2.5 | 32.8 | ±2.5 |
| | MCHC | g/L | 359 | ±30 | 348 | ±30 | 353 | ±30 |
| | RDW-CV | % | 16.8 | ±6.0 | 16.5 | ±6.0 | 16.0 | ±6.0 |
| | RDW-SD | fL | 43.0 | ±24.0 | 51.9 | ±24.0 | 53.7 | ±24.0 |
| | PLT | ×10 ⁹ /L | 57 | ±20 | 224 | ±40 | 442 | ±60 |
| MPV | fL | 9.5 | ±3.0 | 9.2 | ±3.0 | 9.5 | ±3.0 | |
| PDW | / | 11.0 | ±6.0 | 12.3 | ±6.0 | 13.4 | ±6.0 | |

HC5D-B

(Cat No.1510)

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT E5211-02

EXP. 2025-03-16

| Instrument | Parameter | Unit | Low | | Normal | | High | |
|---|------------|----------------------|-------------|-------|-------------|--------|--------------|-------|
| Hemax530AL QC 技术文件版本814版本 | WBC | ×10 ⁹ /L | 2.87 | ±0.50 | 6.34 | ±1.00 | 14.00 | ±2.50 |
| | Neu% | % | 49.1 | ±18.0 | 54.5 | ±16.0 | 64.2 | ±15.0 |
| | Lym% | % | 34.8 | ±15.0 | 28.8 | ±14.0 | 18.4 | ±12.0 |
| | Mon% | % | 9.0 | ±8.9 | 6.8 | ± 6.7 | 6.6 | ±6.5 |
| | Eos% | % | 6.7 | ±6.6 | 9.4 | ±9.3 | 10.5 | ±10.4 |
| | Bas% | % | 0.4 | ±0.4 | 0.5 | ±0.5 | 0.3 | ±0.3 |
| | Neu# | ×10 ⁹ /L | 1.41 | ±0.52 | 3.46 | ±1.01 | 8.99 | ±2.10 |
| | Lym# | ×10 ⁹ /L | 1.00 | ±0.43 | 1.82 | ±0.89 | 2.58 | ±1.68 |
| | Mon# | ×10 ⁹ /L | 0.26 | ±0.25 | 0.43 | ±0.42 | 0.92 | ±0.91 |
| | Eos# | ×10 ⁹ /L | 0.19 | ±0.18 | 0.60 | ±0.59 | 1.47 | ±1.46 |
| | Bas# | ×10 ⁹ /L | 0.01 | ±0.01 | 0.03 | ± 0.03 | 0.04 | ±0.04 |
| | RBC | ×10 ¹² /L | 2.26 | ±0.18 | 4.54 | ±0.24 | 5.32 | ±0.50 |
| | HGB | g/L | 62 | ±4 | 136 | ±6 | 172 | ±8 |
| | HCT | % | 18.1 | ±2.0 | 39.5 | ±3.0 | 49.7 | ±4.0 |
| | MCV | fL | 80.0 | ±5.0 | 87.1 | ±5.0 | 93.5 | ±6.0 |
| | MCH | pg | 27.3 | ±2.5 | 29.5 | ±2.5 | 32.4 | ±2.5 |
| | MCHC | g/L | 355 | ±30 | 350 | ±30 | 360 | ±30 |
| | RDW-CV | % | 14.7 | ±6.0 | 14.6 | ±6.0 | 13.9 | ±6.0 |
| | RDW-SD | fL | 40.5 | ±24.0 | 48.2 | ±24.0 | 49.7 | ±24.0 |
| | PLT | ×10 ⁹ /L | 40 | ±20 | 227 | ±40 | 479 | ±60 |
| MPV | fL | 10.4 | ±3.0 | 10.0 | ±3.0 | 10.2 | ±3.0 | |
| PDW | / | 10.3 | ±6.0 | 11.5 | ±6.0 | 13.0 | ±6.0 | |

HC5D-B

(Cat No.1510)

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT E5211-02

EXP. 2025-03-16

| Instrument | Parameter | Unit | Low | | Normal | | High | |
|---|------------|----------------------|-------------|-------|-------------|--------|--------------|-------|
| Hemax530AL QC 技术文件版本815版本 | WBC | ×10 ⁹ /L | 2.87 | ±0.50 | 6.34 | ±1.00 | 14.00 | ±2.50 |
| | Neu% | % | 49.1 | ±18.0 | 54.5 | ±16.0 | 64.2 | ±15.0 |
| | Lym% | % | 34.8 | ±15.0 | 28.8 | ±14.0 | 18.4 | ±12.0 |
| | Mon% | % | 9.0 | ±8.9 | 6.8 | ± 6.7 | 6.6 | ±6.5 |
| | Eos% | % | 6.7 | ±6.6 | 9.4 | ±9.3 | 10.5 | ±10.4 |
| | Bas% | % | 0.4 | ±0.4 | 0.5 | ±0.5 | 0.3 | ±0.3 |
| | Neu# | ×10 ⁹ /L | 1.41 | ±0.52 | 3.46 | ±1.01 | 8.99 | ±2.10 |
| | Lym# | ×10 ⁹ /L | 1.00 | ±0.43 | 1.82 | ±0.89 | 2.58 | ±1.68 |
| | Mon# | ×10 ⁹ /L | 0.26 | ±0.25 | 0.43 | ±0.42 | 0.92 | ±0.91 |
| | Eos# | ×10 ⁹ /L | 0.19 | ±0.18 | 0.60 | ±0.59 | 1.47 | ±1.46 |
| | Bas# | ×10 ⁹ /L | 0.01 | ±0.01 | 0.03 | ± 0.03 | 0.04 | ±0.04 |
| | RBC | ×10 ¹² /L | 2.26 | ±0.18 | 4.54 | ±0.24 | 5.32 | ±0.50 |
| | HGB | g/L | 61 | ±4 | 134 | ±6 | 172 | ±8 |
| | HCT | % | 18.1 | ±2.0 | 39.5 | ±3.0 | 49.7 | ±4.0 |
| | MCV | fL | 80.0 | ±5.0 | 87.1 | ±5.0 | 93.5 | ±6.0 |
| | MCH | pg | 27.3 | ±2.5 | 29.5 | ±2.5 | 32.4 | ±2.5 |
| | MCHC | g/L | 340 | ±30 | 339 | ±30 | 348 | ±30 |
| | RDW-CV | % | 14.7 | ±6.0 | 14.6 | ±6.0 | 13.9 | ±6.0 |
| | RDW-SD | fL | 40.5 | ±24.0 | 48.2 | ±24.0 | 49.7 | ±24.0 |
| | PLT | ×10 ⁹ /L | 58 | ±20 | 227 | ±40 | 469 | ±60 |
| MPV | fL | 10.4 | ±3.0 | 10.0 | ±3.0 | 10.2 | ±3.0 | |
| PDW | / | 10.3 | ±6.0 | 11.5 | ±6.0 | 13.0 | ±6.0 | |

HC5D-B

(Cat No.1510)

HEMATOLOGY CONTROLS

CONTROL

LOT E5211-02

EXP. 2025-03-16

ASSAY VALUES AND EXPECTED RANGES

| Instrument | Parameter | Unit | Low | Normal | High |
|-------------------------------------|-----------|--------------------|-----------------|-----------------|------------------|
| Hemax 530AL QC 技术文件版本 A 3 及以上 | WBC | $\times 10^9/L$ | 3.48 ± 0.50 | 8.12 ± 1.00 | 18.79 ± 2.50 |
| | Neu% | % | 53.0 ± 18.0 | 57.8 ± 16.0 | 65.9 ± 15.0 |
| | Lym% | % | 36.0 ± 15.0 | 29.4 ± 14.0 | 19.8 ± 12.0 |
| | Mon% | % | 6.1 ± 6.0 | 7.7 ± 7.0 | 7.6 ± 7.0 |
| | Eos% | % | 4.9 ± 5.0 | 5.1 ± 5.0 | 6.7 ± 6.0 |
| | Bas% | % | 62.5 ± 12.0 | 69.2 ± 12.0 | 79.9 ± 15.0 |
| | Neu# | $\times 10^9/L$ | 1.84 ± 0.62 | 4.69 ± 1.28 | 12.38 ± 2.76 |
| | Lym# | $\times 10^9/L$ | 1.25 ± 0.51 | 2.39 ± 1.12 | 3.72 ± 2.21 |
| | Mon# | $\times 10^9/L$ | 0.21 ± 0.20 | 0.63 ± 0.55 | 1.43 ± 1.29 |
| | Eos# | $\times 10^9/L$ | 0.17 ± 0.17 | 0.41 ± 0.39 | 1.26 ± 1.11 |
| | Bas# | $\times 10^9/L$ | 2.18 ± 0.41 | 5.62 ± 0.96 | 15.01 ± 2.76 |
| | RBC | $\times 10^{12}/L$ | 2.36 ± 0.18 | 4.68 ± 0.24 | 5.47 ± 0.50 |
| | HGB | g/L | 61 ± 4 | 138 ± 6 | 176 ± 8 |
| | HCT | % | 19.7 ± 2.0 | 43.5 ± 3.0 | 54.8 ± 4.0 |
| | MCV | fL | 83.7 ± 5.0 | 93.0 ± 5.0 | 100.2 ± 6.0 |
| | MCH | pg | 25.7 ± 2.5 | 29.8 ± 2.5 | 32.1 ± 2.5 |
| | MCHC | g/L | 310 ± 30 | 317 ± 30 | 321 ± 30 |
| | RDW-CV | % | 17.6 ± 3.0 | 16.6 ± 3.0 | 15.7 ± 3.0 |
| | RDW-SD | fL | 51.6 ± 10 | 53.5 ± 10.0 | 54.2 ± 12.0 |
| | PLT | $\times 10^9/L$ | 57.0 ± 20 | 270.0 ± 40 | 533.0 ± 60 |
| MPV | fL | 9.3 ± 3.0 | 8.5 ± 3.0 | 8.9 ± 3.0 | |
| PDW | fL | 9.0 ± 3.0 | 9.3 ± 3.0 | 9.9 ± 3.0 | |

HC5D-B

(Cat No.1510)

HEMATOLOGY CONTROLS

CONTROL

LOT E5211-02

EXP. 2025-03-16

ASSAY VALUES AND EXPECTED RANGES

| Instrument | Parameter | Unit | Low | Normal | High |
|----------------|-----------|--------------------|-----------------|-----------------|------------------|
| Hemax 530 | WBC | $\times 10^9/L$ | 3.47 ± 0.50 | 8.05 ± 1.00 | 18.87 ± 2.50 |
| | Neu% | % | 52.5 ± 18.0 | 58.1 ± 16.0 | 66.5 ± 15.0 |
| | Lym% | % | 36.0 ± 15.0 | 28.4 ± 14.0 | 19.4 ± 13.0 |
| | Mon% | % | 7.5 ± 7.0 | 7.8 ± 7.2 | 7.7 ± 7.0 |
| | Eos% | % | 4.0 ± 4.0 | 5.7 ± 5.0 | 6.4 ± 6.0 |
| | Bas% | % | 62.6 ± 12.0 | 71.9 ± 13.0 | 80.8 ± 12.0 |
| | Neu# | $\times 10^9/L$ | 1.82 ± 0.62 | 4.68 ± 1.28 | 12.55 ± 2.75 |
| | Lym# | $\times 10^9/L$ | 1.25 ± 0.52 | 2.29 ± 1.12 | 3.66 ± 2.38 |
| | Mon# | $\times 10^9/L$ | 0.26 ± 0.24 | 0.63 ± 0.57 | 1.45 ± 1.28 |
| | Eos# | $\times 10^9/L$ | 0.14 ± 0.14 | 0.46 ± 0.40 | 1.21 ± 1.09 |
| QC | Bas# | $\times 10^9/L$ | 2.17 ± 0.41 | 5.79 ± 1.04 | 15.25 ± 2.19 |
| 技术文件版本 A 6 及以上 | RBC | $\times 10^{12}/L$ | 2.36 ± 0.18 | 4.69 ± 0.24 | 5.50 ± 0.50 |
| | HGB | g/L | 60 ± 4 | 137 ± 6 | 176 ± 8 |
| | HCT | % | 19.6 ± 2.0 | 43.1 ± 3.0 | 54.5 ± 4.0 |
| | MCV | fL | 82.9 ± 5.0 | 91.8 ± 5.0 | 99.2 ± 6.0 |
| | MCH | pg | 25.6 ± 2.5 | 29.3 ± 2.5 | 31.9 ± 2.5 |
| | MCHC | g/L | 308 ± 30 | 318 ± 30 | 323 ± 30 |
| | RDW-CV | % | 17.7 ± 3.0 | 16.8 ± 3.0 | 15.9 ± 3.0 |
| | RDW-SD | fL | 51.6 ± 10 | 53.7 ± 10.0 | 54.3 ± 12.0 |
| | PLT | $\times 10^9/L$ | 57.0 ± 20 | 260.0 ± 40 | 533.0 ± 60 |
| | MPV | fL | 9.3 ± 3.0 | 8.5 ± 3.0 | 8.9 ± 3.0 |
| PDW | fL | 8.8 ± 4.0 | 9.3 ± 4.0 | 9.9 ± 4.0 | |

HC5D-B

(Cat No.1510)

HEMATOLOGY CONTROLS

CONTROL

LOT E5211-02

EXP. 2025-03-16

ASSAY VALUES AND EXPECTED RANGES

| Instrument | Parameter | Unit | Low | Normal | High |
|----------------|-----------|--------------------|-----------------|-----------------|------------------|
| Hemax 53 QC | WBC | $\times 10^9/L$ | 3.41 ± 0.50 | 7.90 ± 1.00 | 18.78 ± 2.50 |
| | Neu% | % | 43.5 ± 15.0 | 55.4 ± 13.0 | 64.9 ± 14.0 |
| | Lym% | % | 41.5 ± 15.0 | 30.1 ± 13.0 | 21.0 ± 14.0 |
| | Mon% | % | 7.5 ± 6.0 | 8.0 ± 7.0 | 8.5 ± 7.0 |
| | Eos% | % | 7.0 ± 4.9 | 6.0 ± 2.2 | 5.0 ± 4.2 |
| | Bas% | % | 0.5 ± 0.50 | 0.5 ± 0.5 | 0.6 ± 0.5 |
| | Neu# | $\times 10^9/L$ | 1.48 ± 0.53 | 4.38 ± 1.08 | 12.19 ± 2.59 |
| | Lym# | $\times 10^9/L$ | 1.41 ± 0.53 | 2.38 ± 1.08 | 3.94 ± 2.59 |
| | Mon# | $\times 10^9/L$ | 0.26 ± 0.21 | 0.63 ± 0.58 | 1.59 ± 1.30 |
| | Eos# | $\times 10^9/L$ | 0.24 ± 0.17 | 0.47 ± 0.18 | 0.94 ± 0.82 |
| | Bas# | $\times 10^9/L$ | 0.02 ± 0.02 | 0.04 ± 0.04 | 0.11 ± 0.10 |
| | RBC | $\times 10^{12}/L$ | 2.43 ± 0.18 | 4.69 ± 0.24 | 5.54 ± 0.50 |
| | HGB | g/L | 62 ± 4 | 135 ± 6 | 174 ± 8 |
| | HCT | % | 19.2 ± 2.0 | 41.2 ± 3.0 | 51.7 ± 4.0 |
| | MCV | fL | 79.1 ± 5.0 | 87.9 ± 5.0 | 93.9 ± 6.0 |
| | MCH | pg | 25.6 ± 2.5 | 28.8 ± 2.5 | 31.6 ± 2.5 |
| | MCHC | g/L | 324 ± 30 | 328 ± 30 | 337 ± 30 |
| | RDW-CV | % | 18.7 ± 3.0 | 17.9 ± 3.0 | 17.0 ± 3.0 |
| | RDW-SD | fL | 57.7 ± 10 | 59.8 ± 10.0 | 59.3 ± 12.0 |
| | PLT | $\times 10^9/L$ | 66.0 ± 20 | 247.0 ± 40 | 507.0 ± 60 |
| MPV | fL | 9.0 ± 3.0 | 8.7 ± 3.0 | 9.0 ± 3.0 | |
| PDW | fL | 13.4 ± 3.0 | 12.8 ± 3.0 | 12.8 ± 3.0 | |