

BC-3D**HEMATOLOGY CONTROLS****CONTROL****LOT** B1116

2017-02-05

ASSAY VALUES AND EXPECTED RANGES

| Instrument | Parameter | Low | | Normal | | High | | + |
|---------------------------------------|-----------------------------|------------|---------------|------------|---------------|------------|---------------|---|
| | | LOT | B1116L | LOT | B1116N | LOT | B1116H | |
| BC-3200, BC-3000CT | WBC × 10 ³ /μL | | 2.0 ± 0.5 | | 8.0 ± 1.0 | | 21.7 ± 2.5 | |
| | RBC × 10 ⁶ /μL | | 2.44 ± 0.18 | | 4.77 ± 0.24 | | 5.90 ± 0.30 | |
| | HGB g/dL | | 6.2 ± 0.4 | | 13.9 ± 0.6 | | 19.2 ± 0.8 | |
| | HCT % | | 18.4 ± 1.5 | | 41.0 ± 2.0 | | 56.3 ± 2.4 | |
| | MCV fL | | 75.5 ± 5.0 | | 86.0 ± 5.0 | | 95.5 ± 5.0 | |
| | MCH pg | | 25.4 ± 2.5 | | 29.1 ± 2.5 | | 32.5 ± 2.5 | |
| | MCHC g/dL | | 33.7 ± 3.0 | | 33.9 ± 3.0 | | 34.1 ± 3.0 | |
| | RDW-CV | | 15.0 ± 3.0 | | 14.0 ± 3.0 | | 13.0 ± 3.0 | |
| | RDW-SD | | 35.0 ± 6.0 | | 38.0 ± 6.0 | | 40.0 ± 8.0 | |
| | PLT × 10 ³ /μL | | 69 ± 20 | | 253 ± 40 | | 500 ± 60 | |
| | MPV fL | | 8.0 ± 3.0 | | 7.9 ± 3.0 | | 7.5 ± 3.0 | |
| | Lymph % | | 57.0 ± 12.0 | | 29.0 ± 8.0 | | 12.5 ± 6.0 | |
| | Mid % | | 11.0 ± 9.0 | | 7.0 ± 5.0 | | 6.0 ± 5.0 | |
| | Gran % | | 32.0 ± 10.0 | | 64.0 ± 8.0 | | 81.5 ± 8.0 | |
| | Lymph × 10 ³ /μL | | 1.1 ± 0.3 | | 2.3 ± 0.7 | | 2.7 ± 1.3 | |
| | Mid × 10 ³ /μL | | 0.2 ± 0.2 | | 0.6 ± 0.5 | | 1.3 ± 1.1 | |
| Gran × 10 ³ /μL | | 0.6 ± 0.2 | | 5.1 ± 0.7 | | 17.7 ± 1.8 | | |
| BC-3000 Plus, BC-2900, BC-1800 | WBC × 10 ³ /μL | | 2.0 ± 0.5 | | 8.0 ± 1.0 | | 21.6 ± 2.5 | |
| | RBC × 10 ⁶ /μL | | 2.50 ± 0.18 | | 4.82 ± 0.24 | | 5.98 ± 0.30 | |
| | HGB g/dL | | 6.3 ± 0.4 | | 13.9 ± 0.6 | | 19.0 ± 0.8 | |
| | HCT % | | 19.0 ± 1.5 | | 41.5 ± 2.0 | | 56.5 ± 2.4 | |
| | MCV fL | | 76.0 ± 5.0 | | 86.0 ± 5.0 | | 94.5 ± 5.0 | |
| | MCH pg | | 25.2 ± 2.5 | | 28.8 ± 2.5 | | 31.8 ± 2.5 | |
| | MCHC g/dL | | 33.2 ± 3.0 | | 33.5 ± 3.0 | | 33.6 ± 3.0 | |
| | RDW-CV | | 16.0 ± 3.0 | | 15.0 ± 3.0 | | 14.5 ± 3.0 | |
| | RDW-SD | | 34.5 ± 6.0 | | 38.5 ± 6.0 | | 40.0 ± 8.0 | |
| | PLT × 10 ³ /μL | | 70 ± 20 | | 252 ± 40 | | 512 ± 60 | |
| | MPV fL | | 7.7 ± 3.0 | | 8.1 ± 3.0 | | 7.7 ± 3.0 | |
| | PCT % * | | 0.050 ± 0.050 | | 0.200 ± 0.100 | | 0.400 ± 0.200 | |
| | PDW fL * | | 17.5 ± 3.0 | | 16.4 ± 3.0 | | 16.2 ± 3.0 | |
| | Lymph % | | 57.5 ± 12.0 | | 28.5 ± 8.0 | | 12.0 ± 6.0 | |
| | Mid % | | 11.5 ± 8.0 | | 8.0 ± 7.0 | | 6.5 ± 5.0 | |
| | Gran % | | 31.0 ± 9.0 | | 63.5 ± 8.0 | | 81.5 ± 8.0 | |
| Lymph × 10 ³ /μL | | 1.2 ± 0.3 | | 2.3 ± 0.7 | | 2.6 ± 1.3 | | |
| Mid × 10 ³ /μL | | 0.2 ± 0.2 | | 0.6 ± 0.6 | | 1.4 ± 1.1 | | |
| Gran × 10 ³ /μL | | 0.6 ± 0.2 | | 5.1 ± 0.7 | | 17.6 ± 1.8 | | |

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BC-3D**HEMATOLOGY CONTROLS****CONTROL****LOT** B1116

2017-02-05

ASSAY VALUES AND EXPECTED RANGES

| Instrument | Parameter | Low | Normal | High | ++ |
|---|-----------------------------|-------------------|-------------------|-------------------|----|
| | | LOT B1116L | LOT B1116N | LOT B1116H | |
| BC-2800, BC-2600 (Software version 2.0 or higher) | WBC × 10 ³ /μL | 2.0 ± 0.5 | 7.9 ± 1.0 | 21.3 ± 2.5 | |
| | RBC × 10 ⁶ /μL | 2.43 ± 0.18 | 4.73 ± 0.24 | 5.90 ± 0.30 | |
| | HGB g/dL | 6.2 ± 0.4 | 14.0 ± 0.6 | 19.4 ± 0.8 | |
| | HCT % | 18.2 ± 1.5 | 40.2 ± 2.0 | 55.2 ± 2.4 | |
| | MCV fL | 75.0 ± 5.0 | 85.0 ± 5.0 | 93.5 ± 5.0 | |
| | MCH pg | 25.5 ± 2.5 | 29.6 ± 2.5 | 32.9 ± 2.5 | |
| | MCHC g/dL | 34.0 ± 3.0 | 34.8 ± 3.0 | 35.2 ± 3.0 | |
| | RDW-CV | 16.5 ± 3.0 | 16.0 ± 3.0 | 15.5 ± 3.0 | |
| | RDW-SD | 40.0 ± 6.0 | 46.0 ± 6.0 | 48.0 ± 8.0 | |
| | PLT × 10 ³ /μL | 59 ± 20 | 256 ± 40 | 508 ± 60 | |
| | MPV fL | 9.5 ± 3.0 | 10.0 ± 3.0 | 9.7 ± 3.0 | |
| | PCT % * | 0.050 ± 0.050 | 0.250 ± 0.100 | 0.480 ± 0.200 | |
| | PDW fL * | 15.2 ± 3.0 | 14.9 ± 3.0 | 14.8 ± 3.0 | |
| | Lymph % | 61.0 ± 10.0 | 30.5 ± 8.0 | 14.0 ± 7.0 | |
| | Mid % | 9.0 ± 7.0 | 6.5 ± 5.0 | 5.0 ± 4.0 | |
| | Gran % | 30.0 ± 9.0 | 63.0 ± 9.0 | 81.0 ± 8.0 | |
| | Lymph × 10 ³ /μL | 1.2 ± 0.2 | 2.4 ± 0.7 | 3.0 ± 1.5 | |
| Mid × 10 ³ /μL | 0.2 ± 0.2 | 0.5 ± 0.4 | 1.1 ± 0.9 | | |
| Gran × 10 ³ /μL | 0.6 ± 0.2 | 5.0 ± 0.8 | 17.3 ± 1.8 | | |
| BC-2300, BC-2100 | WBC × 10 ³ /μL | 1.9 ± 0.5 | 7.9 ± 1.0 | 21.5 ± 2.5 | |
| | RBC × 10 ⁶ /μL | 2.41 ± 0.18 | 4.78 ± 0.24 | 5.78 ± 0.30 | |
| | HGB g/dL | 6.3 ± 0.4 | 13.8 ± 0.6 | 18.8 ± 0.8 | |
| | HCT % | 17.6 ± 1.5 | 40.2 ± 2.0 | 53.2 ± 2.4 | |
| | MCV fL | 73.0 ± 5.0 | 84.0 ± 5.0 | 92.0 ± 5.0 | |
| | MCH pg | 26.1 ± 2.5 | 28.9 ± 2.5 | 32.5 ± 2.5 | |
| | MCHC g/dL | 35.8 ± 3.0 | 34.4 ± 3.0 | 35.4 ± 3.0 | |
| | RDW-CV | 14.0 ± 3.0 | 14.0 ± 3.0 | 13.0 ± 3.0 | |
| | RDW-SD | 32.5 ± 8.0 | 38.0 ± 8.0 | 40.0 ± 8.0 | |
| | PLT × 10 ³ /μL | 55 ± 20 | 258 ± 40 | 563 ± 60 | |
| | MPV fL | 9.5 ± 3.0 | 10.7 ± 3.0 | 10.3 ± 3.0 | |
| | PCT % * | 0.050 ± 0.050 | 0.270 ± 0.100 | 0.570 ± 0.200 | |
| | PDW fL * | 15.0 ± 3.0 | 15.2 ± 3.0 | 15.0 ± 3.0 | |
| | Lymph % | 58.5 ± 12.0 | 29.0 ± 8.0 | 13.5 ± 7.0 | |
| | Mid % | 10.0 ± 9.0 | 7.5 ± 6.0 | 6.0 ± 5.0 | |
| | Gran % | 31.5 ± 10.0 | 63.5 ± 9.0 | 80.5 ± 8.0 | |
| | Lymph × 10 ³ /μL | 1.1 ± 0.3 | 2.3 ± 0.7 | 2.9 ± 1.6 | |
| Mid × 10 ³ /μL | 0.2 ± 0.2 | 0.6 ± 0.5 | 1.3 ± 1.1 | | |
| Gran × 10 ³ /μL | 0.6 ± 0.2 | 5.0 ± 0.8 | 17.3 ± 1.8 | | |

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BC-3D

HEMATOLOGY CONTROLS

CONTROL

LOT

 B1116


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ASSAY VALUES AND EXPECTED RANGES

| Instrument | Parameter | Low | Normal | High | +++ |
|---|-----------------------------|---------------|---------------|---------------|-----|
| | | LOT B1116L | LOT B1116N | LOT B1116H | |
| BC-3600, BC-3300 | WBC × 10 ³ /μL | 1.9 ± 0.5 | 7.6 ± 1.0 | 20.8 ± 2.5 | |
| | RBC × 10 ⁶ /μL | 2.53 ± 0.18 | 4.95 ± 0.24 | 6.05 ± 0.30 | |
| | HGB g/dL | 6.4 ± 0.4 | 13.9 ± 0.6 | 19.1 ± 0.8 | |
| | HCT % | 19.2 ± 1.5 | 41.6 ± 2.0 | 55.7 ± 2.4 | |
| | MCV fL | 76.0 ± 5.0 | 84.0 ± 5.0 | 92.0 ± 5.0 | |
| | MCH pg | 25.3 ± 2.5 | 28.1 ± 2.5 | 31.6 ± 2.5 | |
| | MCHC g/dL | 33.3 ± 3.0 | 33.4 ± 3.0 | 34.3 ± 3.0 | |
| | RDW-CV | 15.5 ± 3.0 | 15.0 ± 3.0 | 14.5 ± 3.0 | |
| | RDW-SD | 35.0 ± 8.0 | 44.0 ± 8.0 | 46.5 ± 8.0 | |
| | PLT × 10 ³ /μL | 58 ± 20 | 263 ± 40 | 536 ± 60 | |
| | MPV fL | 8.4 ± 3.0 | 9.1 ± 3.0 | 9.0 ± 3.0 | |
| | PCT % * | 0.050 ± 0.050 | 0.230 ± 0.100 | 0.460 ± 0.200 | |
| | PDW fL * | 15.2 ± 3.0 | 15.6 ± 3.0 | 15.8 ± 3.0 | |
| | P-LCC | 16 ± 10 | 80 ± 22 | 152 ± 30 | |
| | P-LCR | 23.5 ± 9.0 | 31.0 ± 9.0 | 29.0 ± 9.0 | |
| | Lymph % | 58.0 ± 9.0 | 29.5 ± 8.0 | 13.5 ± 8.0 | |
| | Mid % | 12.5 ± 8.0 | 8.5 ± 7.0 | 6.0 ± 5.0 | |
| | Gran % | 29.5 ± 8.0 | 62.0 ± 8.0 | 80.5 ± 9.0 | |
| | Lymph × 10 ³ /μL | 1.1 ± 0.2 | 2.2 ± 0.6 | 2.8 ± 1.7 | |
| | Mid × 10 ³ /μL | 0.2 ± 0.2 | 0.6 ± 0.5 | 1.2 ± 1.0 | |
| Gran × 10 ³ /μL | 0.6 ± 0.2 | 4.7 ± 0.7 | 16.7 ± 1.9 | | |
| BC-2800Vet, BC-2600Vet (Software version 2.0 or higher) | WBC × 10 ³ /μL | 2.0 ± 0.5 | 7.9 ± 1.0 | 21.3 ± 2.5 | |
| | RBC × 10 ⁶ /μL | 2.43 ± 0.18 | 4.73 ± 0.24 | 5.90 ± 0.30 | |
| | HGB g/dL | 6.2 ± 0.4 | 14.0 ± 0.6 | 19.4 ± 0.8 | |
| | HCT % | 18.2 ± 1.5 | 40.2 ± 2.0 | 55.2 ± 2.4 | |
| | MCV fL | 75.0 ± 5.0 | 85.0 ± 5.0 | 93.5 ± 5.0 | |
| | MCH pg | 25.5 ± 2.5 | 29.6 ± 2.5 | 32.9 ± 2.5 | |
| | MCHC g/dL | 34.0 ± 3.0 | 34.8 ± 3.0 | 35.2 ± 3.0 | |
| | PLT × 10 ³ /μL | 59 ± 20 | 256 ± 40 | 508 ± 60 | |

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