

REF : 3734-3735-3736-3752-3753-3754-3820-3821-3822
3433-3434-3435-3466-3467-3468-3502-3503-3504

LOT : 203

: 2013-05-19

Coulter Counter Models (with III Diff. option; for Act see separate table)

MELET MS9 NOTE : Please refer to next page for Erma Values

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.2 | 0.4 | 7.8 | 0.8 | 20.6 | 2.0 |
| RBC 10 ¹² /l | 2.35 | 0.15 | 4.63 | 0.20 | 5.55 | 0.24 |
| Hb g/dl | 5.9 | 0.4 | 13.5 | 0.5 | 17.7 | 0.6 |
| Hb mmol/l | 3.7 | 0.3 | 8.4 | 0.4 | 11.0 | 0.5 |
| Hct % | 17.5 | 1.5 | 39.1 | 2.4 | 52.2 | 3.0 |
| Hct l/l | 0.175 | 0.015 | 0.391 | 0.024 | 0.522 | 0.030 |
| MCV fl | 74.5 | 4.0 | 84.5 | 4.0 | 94.0 | 4.0 |
| MCH pg | 25.1 | 2.4 | 29.2 | 2.8 | 31.9 | 2.8 |
| MCH fmol | 1.56 | 0.16 | 1.81 | 0.17 | 1.98 | 0.19 |
| MCHC g/dl | 33.7 | 3.0 | 34.5 | 3.0 | 33.9 | 3.0 |
| MCHC mmol/l | 20.9 | 2.0 | 21.4 | 2.0 | 21.1 | 2.0 |
| RDW % | 16.4 | 3.0 | 15.5 | 3.0 | 14.9 | 3.0 |
| PIts 10 ⁹ /l | 60 | 20 | 252 | 35 | 522 | 60 |
| MPV fl | 8.1 | 2.0 | 8.3 | 2.0 | 8.3 | 2.0 |
| PDW % | 17.6 | 3.0 | 16.3 | 3.0 | 14.8 | 3.0 |
| LYMP % | 58.3 | 6.0 | 33.4 | 4.0 | 16.3 | 4.0 |
| MONO % | 12.8 | 4.0 | 7.6 | 4.0 | 4.9 | 3.0 |
| GRAN % | 28.9 | 5.0 | 59.0 | 5.0 | 78.8 | 5.0 |
| LYMP # | 1.3 | 0.2 | 2.6 | 0.4 | 3.4 | 0.9 |
| MONO # | 0.3 | 0.3 | 0.6 | 0.4 | 1.0 | 0.6 |
| GRAN # | 0.6 | 0.2 | 4.6 | 0.4 | 16.2 | 1.1 |

ABX Roche: Micros; Bayer: Advia 60

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.3 | 0.4 | 7.3 | 0.8 | 19.1 | 2.0 |
| RBC 10 ¹² /l | 2.36 | 0.15 | 4.59 | 0.20 | 5.54 | 0.24 |
| Hb g/dl | 5.6 | 0.4 | 13.5 | 0.5 | 17.6 | 0.6 |
| Hb mmol/l | 3.5 | 0.3 | 8.4 | 0.4 | 10.9 | 0.5 |
| Hct % | 16.3 | 1.5 | 37.7 | 2.4 | 51.5 | 3.0 |
| Hct l/l | 0.163 | 0.015 | 0.377 | 0.024 | 0.515 | 0.030 |
| MCV fl | 69.1 | 4.0 | 82.1 | 4.0 | 93.0 | 4.0 |
| MCH pg | 23.7 | 2.4 | 29.4 | 2.8 | 31.8 | 2.8 |
| MCH fmol | 1.47 | 0.16 | 1.82 | 0.17 | 1.97 | 0.19 |
| MCHC g/dl | 34.3 | 3.0 | 35.8 | 3.0 | 34.2 | 3.0 |
| MCHC mmol/l | 21.3 | 2.0 | 22.2 | 2.0 | 21.2 | 2.0 |
| RDW % | 15.0 | 3.0 | 15.9 | 3.0 | 15.3 | 3.0 |
| PIts 10 ⁹ /l | 65 | 20 | 250 | 35 | 488 | 60 |
| MPV fl | 7.7 | 2.0 | 7.9 | 2.0 | 7.8 | 2.0 |
| LYMP % | 50.4 | 6.0 | 29.6 | 4.0 | 14.9 | 4.0 |
| MONO % | 12.2 | 4.0 | 7.5 | 4.0 | 3.8 | 3.0 |
| GRAN % | 37.4 | 5.0 | 62.9 | 5.0 | 81.3 | 5.0 |
| LYMP # | 1.1 | 0.2 | 2.2 | 0.4 | 2.8 | 0.9 |
| MONO # | 0.3 | 0.3 | 0.6 | 0.6 | 0.7 | 0.7 |
| GRAN # | 0.8 | 0.2 | 4.6 | 0.4 | 15.5 | 1.1 |

Abbott Cell-Dyn: 1300, 1500, 1600, 1700, 1800 series

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.4 | 0.4 | 7.5 | 0.8 | 18.5 | 2.0 |
| RBC 10 ¹² /l | 2.38 | 0.15 | 4.59 | 0.20 | 5.44 | 0.24 |
| Hb g/dl | 5.8 | 0.4 | 13.3 | 0.5 | 17.5 | 0.6 |
| Hb mmol/l | 3.6 | 0.3 | 8.3 | 0.4 | 10.9 | 0.5 |
| Hct % | 17.7 | 1.5 | 39.2 | 2.4 | 51.7 | 3.0 |
| Hct l/l | 0.177 | 0.015 | 0.392 | 0.024 | 0.517 | 0.030 |
| MCV fl | 74.5 | 4.0 | 85.5 | 4.0 | 95.0 | 4.0 |
| MCH pg | 24.4 | 2.4 | 29.0 | 2.8 | 32.2 | 2.8 |
| MCH fmol | 1.51 | 0.16 | 1.80 | 0.17 | 2.00 | 0.19 |
| MCHC g/dl | 32.7 | 3.0 | 33.9 | 3.0 | 33.9 | 3.0 |
| MCHC mmol/l | 20.3 | 2.0 | 21.0 | 2.0 | 21.0 | 2.0 |
| PIts 10 ⁹ /l | 56 | 20 | 247 | 35 | 509 | 60 |
| MPV fl | 9.0 | 2.0 | 8.8 | 2.0 | 8.5 | 2.0 |
| LYMP % | 58.3 | 6.0 | 33.4 | 4.0 | 16.3 | 4.0 |
| MID % | 12.8 | 4.0 | 7.6 | 4.0 | 4.9 | 3.0 |
| GRAN % | 28.9 | 5.0 | 59.0 | 5.0 | 78.8 | 5.0 |
| LYMP # | 1.4 | 0.2 | 2.5 | 0.4 | 3.0 | 0.9 |
| MID # | 0.3 | 0.3 | 0.6 | 0.4 | 0.9 | 0.6 |
| GRAN # | 0.7 | 0.2 | 4.4 | 0.4 | 14.6 | 1.1 |

Coulter Counter: Act diff, Act diff 2

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.2 | 0.4 | 7.8 | 0.8 | 20.5 | 2.0 |
| RBC 10 ¹² /l | 2.35 | 0.15 | 4.63 | 0.20 | 5.55 | 0.24 |
| Hb g/dl | 5.9 | 0.4 | 13.5 | 0.5 | 17.7 | 0.6 |
| Hb mmol/l | 3.7 | 0.3 | 8.4 | 0.4 | 11.0 | 0.5 |
| Hct % | 17.5 | 1.5 | 39.6 | 2.4 | 52.7 | 3.0 |
| Hct l/l | 0.175 | 0.015 | 0.396 | 0.024 | 0.527 | 0.030 |
| MCV fl | 74.5 | 4.0 | 85.5 | 4.0 | 95.0 | 4.0 |
| MCH pg | 25.1 | 2.4 | 29.2 | 2.8 | 31.9 | 2.8 |
| MCH fmol | 1.56 | 0.16 | 1.81 | 0.17 | 1.98 | 0.19 |
| MCHC g/dl | 33.7 | 3.0 | 34.1 | 3.0 | 33.6 | 3.0 |
| MCHC mmol/l | 20.9 | 2.0 | 21.1 | 2.0 | 20.8 | 2.0 |
| RDW % | 16.4 | 3.0 | 15.5 | 3.0 | 14.9 | 3.0 |
| PIts 10 ⁹ /l | 60 | 20 | 250 | 35 | 520 | 60 |
| MPV fl | 8.1 | 2.0 | 8.3 | 2.0 | 8.3 | 2.0 |
| LYMP % | 60.0 | 6.0 | 33.0 | 4.0 | 15.0 | 4.0 |
| MONO % | 10.0 | 4.0 | 6.0 | 4.0 | 4.0 | 3.0 |
| GRAN % | 30.0 | 5.0 | 61.0 | 5.0 | 81.0 | 5.0 |
| LYMP # | 1.3 | 0.2 | 2.6 | 0.4 | 3.1 | 0.9 |
| MONO # | 0.2 | 0.1 | 0.5 | 0.4 | 0.8 | 0.6 |
| GRAN # | 0.7 | 0.2 | 4.8 | 0.4 | 16.6 | 1.1 |

Coulter Counter: Act 8, Act 10


| Parameters | LOW | | NORMAL | | HIGH | |
|---|------|---------|--------|---------|------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| Please refer to Table Act Diff for CBC parameters | | | | | | |
| LYMP % | 46.5 | 6.0 | 25.0 | 4.0 | 10.5 | 4.0 |
| GRAN % | 1.0 | 0.2 | 2.0 | 0.4 | 2.2 | 0.9 |

Nihon Kohden: Celltac and MEK series (not for 5-part diff)

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.2 | 0.4 | 7.5 | 0.8 | 18.9 | 2.0 |
| RBC 10 ¹² /l | 2.33 | 0.15 | 4.59 | 0.20 | 5.47 | 0.24 |
| Hb g/dl | 5.8 | 0.4 | 13.8 | 0.5 | 18.9 | 0.6 |
| Hb mmol/l | 3.6 | 0.3 | 8.6 | 0.4 | 11.7 | 0.5 |
| Hct % | 17.8 | 1.5 | 39.4 | 2.4 | 54.1 | 3.0 |
| Hct l/l | 0.178 | 0.015 | 0.394 | 0.024 | 0.541 | 0.030 |
| MCV fl | 76.5 | 4.0 | 85.9 | 4.0 | 99.0 | 4.0 |
| MCH pg | 24.9 | 2.4 | 30.0 | 2.8 | 34.6 | 2.8 |
| MCH fmol | 1.55 | 0.16 | 1.86 | 0.17 | 2.15 | 0.19 |
| MCHC g/dl | 32.5 | 3.0 | 35.0 | 3.0 | 35.0 | 3.0 |
| MCHC mmol/l | 20.2 | 2.0 | 21.7 | 2.0 | 21.7 | 2.0 |
| RDW % | 15.3 | 3.0 | 14.9 | 3.0 | 14.1 | 3.0 |
| PIts 10 ⁹ /l | 61 | 20 | 257 | 35 | 510 | 60 |
| MPV fl | 8.1 | 2.0 | 7.2 | 2.0 | 6.8 | 2.0 |
| LYMP % | 62.1 | 6.0 | 35.5 | 4.0 | 19.6 | 4.0 |
| MONO % | 14.0 | 4.0 | 8.2 | 4.0 | 4.7 | 3.0 |
| GRAN % | 23.9 | 5.0 | 56.3 | 5.0 | 75.7 | 5.0 |
| LYMP # | 1.4 | 0.2 | 2.6 | 0.4 | 3.7 | 0.9 |
| MONO # | 0.3 | 0.3 | 0.6 | 0.4 | 0.9 | 0.6 |
| GRAN # | 0.5 | 0.2 | 4.2 | 0.4 | 14.3 | 1.1 |

Danam / Drew Excel18 = MWI BT2100, Drew D3; Orphee Mythic 18

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.2 | 0.4 | 7.8 | 0.8 | 20.6 | 2.0 |
| RBC 10 ¹² /l | 2.35 | 0.15 | 4.63 | 0.20 | 5.55 | 0.24 |
| Hb g/dl | 5.7 | 0.4 | 13.5 | 0.5 | 17.7 | 0.6 |
| Hb mmol/l | 3.5 | 0.3 | 8.4 | 0.4 | 11.0 | 0.5 |
| Hct % | 17.0 | 1.5 | 39.6 | 2.4 | 53.0 | 3.0 |
| Hct l/l | 0.170 | 0.015 | 0.396 | 0.024 | 0.530 | 0.030 |
| MCV fl | 72.3 | 4.0 | 85.5 | 4.0 | 95.4 | 4.0 |
| MCH pg | 24.3 | 2.4 | 29.2 | 2.8 | 31.9 | 2.8 |
| MCH fmol | 1.51 | 0.16 | 1.81 | 0.17 | 1.98 | 0.19 |
| MCHC g/dl | 33.6 | 3.0 | 34.1 | 3.0 | 33.4 | 3.0 |
| MCHC mmol/l | 20.8 | 2.0 | 21.2 | 2.0 | 20.7 | 2.0 |
| RDW % | 14.5 | 3.0 | 13.1 | 3.0 | 12.5 | 3.0 |
| PIts 10 ⁹ /l | 60 | 20 | 235 | 35 | 484 | 60 |
| MPV fl | 8.1 | 2.0 | 8.3 | 2.0 | 8.3 | 2.0 |
| LYMP % | 58.6 | 6.0 | 32.2 | 4.0 | 15.9 | 4.0 |
| MONO % | 8.2 | 4.0 | 4.5 | 4.5 | 2.9 | 2.9 |
| GRAN % | 33.2 | 5.0 | 63.3 | 5.0 | 81.2 | 5.0 |
| LYMP # | 1.3 | 0.2 | 2.5 | 0.4 | 3.3 | 0.9 |
| MONO # | 0.2 | 0.2 | 0.4 | 0.4 | 0.6 | 0.6 |
| GRAN # | 0.7 | 0.2 | 4.9 | 0.4 | 16.7 | 1.1 |

LOT : 203
 : 2013-05-19

Diatron**: Abacus, Abacus 3, Abacus Junior, Arcus; Erba: Elite 3

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.1 | 0.4 | 7.6 | 0.8 | 20.6 | 2.0 |
| RBC 10 ¹² /l | 2.40 | 0.15 | 4.77 | 0.20 | 5.64 | 0.24 |
| Hb g/dl | 6.1 | 0.4 | 13.6 | 0.5 | 18.2 | 0.6 |
| Hb mmol/l | 3.8 | 0.3 | 8.5 | 0.4 | 11.3 | 0.5 |
| Hct % | 18.6 | 1.5 | 42.7 | 2.4 | 56.5 | 3.0 |
| Hct l/l | 0.186 | 0.015 | 0.427 | 0.024 | 0.565 | 0.030 |
| MCV fl | 77.6 | 4.0 | 89.5 | 4.0 | 100.1 | 4.0 |
| MCH pg | 25.6 | 2.4 | 28.5 | 2.8 | 32.3 | 2.8 |
| MCH fmol | 1.59 | 0.16 | 1.77 | 0.17 | 2.00 | 0.19 |
| MCHC g/dl | 33.0 | 3.0 | 31.9 | 3.0 | 32.3 | 3.0 |
| MCHC mmol/l | 20.5 | 2.0 | 19.8 | 2.0 | 20.0 | 2.0 |
| RDW-SD fl | 56.8 | 5.0 | 60.0 | 5.0 | 65.1 | 5.0 |
| RDW-CV % | 16.1 | 3.0 | 14.8 | 3.0 | 14.3 | 3.0 |
| Plts 10 ⁹ /l | 55 | 20 | 252 | 35 | 522 | 60 |
| MPV fl | 7.9 | 2.0 | 8.3 | 2.0 | 7.9 | 2.0 |
| PCT % | 0.04 | 0.02 | 0.21 | 0.06 | 0.41 | 0.10 |
| PCT ml/l | 0.44 | 0.2 | 2.09 | 0.3 | 4.15 | 0.4 |
| PDW-SD fl | 10.2 | 3.0 | 10.9 | 3.0 | 9.6 | 3.0 |
| PDW-CV % | 36.2 | 3.0 | 36.7 | 3.0 | 33.8 | 3.0 |
| LYMP % | 54.3 | 6.0 | 31.3 | 4.0 | 13.0 | 4.0 |
| MONO % | 10.4 | 6.0 | 7.0 | 4.0 | 6.3 | 3.0 |
| GRAN % | 35.4 | 6.0 | 61.7 | 5.0 | 80.7 | 6.0 |
| LYMP # | 1.1 | 0.2 | 2.4 | 0.4 | 2.7 | 0.9 |
| MONO # | 0.2 | 0.2 | 0.5 | 0.5 | 1.3 | 0.6 |
| GRAN # | 0.7 | 0.2 | 4.7 | 0.4 | 16.6 | 1.1 |

** JT Baker reagents CyMet Abacus + Diluid Abacus = Use Reagent Code 2 in service settings!!!

ERMA PCE-170, ERMAX-18, PCE-210

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.2 | 0.4 | 8.0 | 0.8 | 21.5 | 2.0 |
| RBC 10 ¹² /l | 2.46 | 0.15 | 4.64 | 0.20 | 5.40 | 0.24 |
| Hb g/dl | 5.7 | 0.4 | 13.0 | 0.5 | 17.0 | 0.6 |
| Hb mmol/l | 3.5 | 0.3 | 8.1 | 0.4 | 10.6 | 0.5 |
| Hct % | 19.1 | 1.5 | 41.1 | 2.4 | 55.1 | 3.0 |
| Hct l/l | 0.191 | 0.015 | 0.411 | 0.024 | 0.551 | 0.030 |
| MCV fl | 77.5 | 4.0 | 88.5 | 4.0 | 102.0 | 4.0 |
| MCH pg | 23.2 | 2.4 | 28.0 | 2.8 | 31.5 | 2.8 |
| MCH fmol | 1.44 | 0.16 | 1.74 | 0.17 | 1.95 | 0.19 |
| MCHC g/dl | 29.9 | 3.0 | 31.7 | 3.0 | 30.9 | 3.0 |
| MCHC mmol/l | 18.6 | 2.0 | 19.6 | 2.0 | 19.2 | 2.0 |
| RDW % | 19.4 | 3.0 | 17.0 | 3.0 | 16.3 | 3.0 |
| Plts 10 ⁹ /l | 70 | 20 | 266 | 35 | 548 | 60 |
| MPV fl | 8.9 | 2.0 | 8.7 | 2.0 | 8.8 | 2.0 |
| PDW % | 16.4 | 3.0 | 14.9 | 3.0 | 12.4 | 3.0 |
| LYMP % | 50.3 | 6.0 | 35.2 | 4.0 | 27.9 | 4.0 |
| MONO % | 6.4 | 6.4 | 3.9 | 3.9 | 1.9 | 1.9 |
| GRAN % | 43.3 | 5.0 | 60.9 | 5.0 | 70.2 | 5.0 |
| LYMP # | 1.1 | 0.2 | 2.8 | 0.4 | 6.0 | 0.9 |
| MONO # | 0.1 | 0.1 | 0.3 | 0.3 | 0.4 | 0.4 |
| GRAN # | 1.0 | 0.2 | 4.9 | 0.4 | 15.1 | 1.1 |

Orphee MYTHIC 18

Please refer now to Danam/Drew table

AVL (Contraves): AVL - 816


| Parameters | LOW | | NORMAL | | HIGH | |
|---|------|---------|--------|---------|------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| Please refer to Table Coulter Counters for CBC parameters | | | | | | |
| LYMP % | 63.0 | 6.0 | 39.8 | 4.0 | 19.4 | 4.0 |
| MONO % | 11.8 | 4.0 | 8.6 | 4.0 | 6.3 | 3.0 |
| GRAN % | 25.2 | 5.0 | 51.6 | 5.0 | 74.4 | 5.0 |
| LYMP # | 1.4 | 0.2 | 3.1 | 0.4 | 4.0 | 0.9 |
| MONO # | 0.3 | 0.3 | 0.7 | 0.7 | 1.3 | 0.6 |
| GRAN # | 0.6 | 0.2 | 4.0 | 0.4 | 15.3 | 1.1 |

AVL (Contraves): AVL - 818




| Parameters | LOW | | NORMAL | | HIGH | |
|---|------|---------|--------|---------|------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| Please refer to Table Coulter Counters for CBC parameters | | | | | | |
| LYMP % | 70.8 | 6.0 | 41.9 | 4.0 | 20.4 | 4.0 |
| MONO % | 10.3 | 4.0 | 8.1 | 4.0 | 6.0 | 3.0 |
| GRAN % | 18.9 | 5.0 | 50.0 | 5.0 | 73.6 | 5.0 |
| LYMP # | 1.6 | 0.2 | 3.3 | 0.4 | 4.2 | 0.9 |
| MONO # | 0.2 | 0.2 | 0.6 | 0.6 | 1.2 | 0.6 |
| GRAN # | 0.4 | 0.2 | 3.9 | 0.4 | 15.2 | 1.1 |

Avantor BeneSphera™ 3 (QC-Mode)

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.2 | 0.4 | 7.8 | 0.8 | 20.5 | 2.0 |
| RBC 10 ¹² /l | 2.35 | 0.15 | 4.53 | 0.20 | 5.35 | 0.24 |
| Hb g/dl | 5.9 | 0.4 | 14.0 | 0.5 | 18.2 | 0.6 |
| Hb mmol/l | 3.7 | 0.3 | 8.4 | 0.4 | 11.3 | 0.5 |
| Hct % | 17.5 | 1.5 | 39.6 | 2.4 | 52.7 | 3.0 |
| Hct l/l | 0.175 | 0.015 | 0.396 | 0.024 | 0.527 | 0.030 |
| MCV fl | 74.5 | 4.0 | 85.5 | 4.0 | 95.0 | 4.0 |
| MCH pg | 25.1 | 2.4 | 30.9 | 2.8 | 34.0 | 2.8 |
| MCH fmol | 1.57 | 0.2 | 1.85 | 0.2 | 2.11 | 0.2 |
| MCHC g/dl | 33.7 | 3.0 | 35.4 | 3.0 | 34.5 | 3.0 |
| MCHC mmol/l | 21.1 | 2.0 | 21.2 | 2.0 | 21.4 | 2.0 |
| RDW-CV % | 19.3 | 3.0 | 15.5 | 3.0 | 12.8 | 3.0 |
| RDW-SD fl | 50.4 | 5.0 | 45.6 | 5.0 | 42.0 | 5.0 |
| Plts 10 ⁹ /l | 60 | 20 | 240 | 35 | 490 | 60 |
| MPV fl | 10.0 | 2.0 | 10.6 | 2.0 | 10.2 | 2.0 |
| PCT % | 0.06 | 0.02 | 0.25 | 0.06 | 0.50 | 0.10 |
| PCT ml/l | 0.60 | 0.20 | 2.54 | 0.30 | 5.00 | 0.40 |
| PDW % | 11.4 | 3.0 | 17.5 | 3.0 | 16.2 | 3.0 |
| LYMP % | 43.2 | 8.0 | 20.7 | 5.0 | 10.1 | 4.0 |
| MONO % | 25.5 | 6.0 | 14.7 | 5.0 | 6.4 | 6.4 |
| GRAN % | 31.3 | 5.0 | 64.6 | 8.0 | 83.5 | 8.0 |
| LYMP # | 1.0 | 0.2 | 1.6 | 0.4 | 2.1 | 0.9 |
| MONO # | 0.6 | 0.6 | 1.1 | 0.4 | 1.3 | 0.6 |
| GRAN # | 0.7 | 0.2 | 5.0 | 0.8 | 17.1 | 1.1 |

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The devices as mentioned in this insert comply with the
In Vitro Diagnostic Medical Devices Directive 98/79/EC.

2°C  8°C  

LOT : 203
 : 2013-05-19

Mindray BC-3200, BC-3000CT

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.1 | 0.5 | 8.1 | 1.0 | 21.1 | 2.5 |
| RBC 10 ¹² /l | 2.39 | 0.18 | 4.76 | 0.24 | 5.70 | 0.30 |
| Hb g/dl | 6.0 | 0.4 | 13.7 | 0.6 | 18.5 | 0.8 |
| Hb mmol/l | 3.7 | 0.3 | 8.5 | 0.4 | 11.5 | 0.5 |
| Hct % | 18.0 | 1.5 | 41.4 | 2.0 | 55.3 | 2.4 |
| Hct l/l | 0.180 | 0.015 | 0.414 | 0.020 | 0.553 | 0.024 |
| MCV fl | 75.5 | 5.0 | 87.0 | 5.0 | 97.0 | 5.0 |
| MCH pg | 25.1 | 2.5 | 28.8 | 2.5 | 32.5 | 2.5 |
| MCH fmol | 1.56 | 0.20 | 1.79 | 0.20 | 2.01 | 0.20 |
| MCHC g/dl | 33.3 | 3.0 | 33.1 | 3.0 | 33.5 | 3.0 |
| MCHC mmol/l | 20.7 | 1.9 | 20.5 | 1.9 | 20.8 | 1.9 |
| RDW-CV | 14.0 | 3.0 | 13.5 | 3.0 | 13.0 | 3.0 |
| RDW-SD | 35.0 | 6.0 | 38.0 | 6.0 | 40.0 | 8.0 |
| Plts 10 ⁹ /l | 75 | 20 | 266 | 40 | 530 | 60 |
| MPV fl | 8.7 | 3.0 | 8.0 | 3.0 | 7.8 | 3.0 |
| LYMP % | 56.0 | 12.0 | 28.5 | 8.0 | 13.0 | 6.0 |
| MONO % | 13.0 | 9.0 | 8.5 | 6.0 | 6.0 | 5.0 |
| GRAN % | 31.0 | 9.0 | 63.0 | 8.0 | 81.0 | 8.0 |
| LYMP # | 1.2 | 0.4 | 2.3 | 0.7 | 2.7 | 1.3 |
| MONO # | 0.3 | 0.3 | 0.7 | 0.5 | 1.3 | 1.1 |
| GRAN # | 0.7 | 0.3 | 5.1 | 0.7 | 17.1 | 1.7 |

Mindray BC-2800, BC-2600 (software version 2.0 or higher)

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.0 | 0.5 | 8.0 | 1.0 | 21.3 | 2.5 |
| RBC 10 ¹² /l | 2.30 | 0.18 | 4.66 | 0.24 | 5.60 | 0.30 |
| Hb g/dl | 6.0 | 0.4 | 13.8 | 0.6 | 18.7 | 0.8 |
| Hb mmol/l | 3.7 | 0.3 | 8.6 | 0.4 | 11.6 | 0.5 |
| Hct % | 17.4 | 1.5 | 40.3 | 2.0 | 53.8 | 2.4 |
| Hct l/l | 0.174 | 0.015 | 0.403 | 0.020 | 0.538 | 0.024 |
| MCV fl | 75.5 | 5.0 | 86.5 | 5.0 | 96.0 | 5.0 |
| MCH pg | 26.1 | 2.5 | 29.6 | 2.5 | 33.4 | 2.5 |
| MCH fmol | 1.62 | 0.20 | 1.84 | 0.20 | 2.07 | 0.20 |
| MCHC g/dl | 34.6 | 3.0 | 34.2 | 3.0 | 34.8 | 3.0 |
| MCHC mmol/l | 21.4 | 1.9 | 21.3 | 1.9 | 21.6 | 1.9 |
| RDW-CV | 16.0 | 3.0 | 15.0 | 3.0 | 14.0 | 3.0 |
| RDW-SD | 40.0 | 6.0 | 43.0 | 6.0 | 45.0 | 8.0 |
| Plts 10 ⁹ /l | 64 | 20 | 260 | 40 | 542 | 60 |
| MPV fl | 9.6 | 3.0 | 9.4 | 3.0 | 9.5 | 3.0 |
| PCT % | 0.06 | 0.05 | 0.25 | 0.10 | 0.51 | 0.20 |
| PCT ml/l | 0.60 | 0.50 | 2.50 | 1.00 | 5.10 | 2.00 |
| PDW fl | 14.8 | 3.0 | 14.8 | 3.0 | 14.8 | 3.0 |
| LYMP % | 58.0 | 10.0 | 31.5 | 8.0 | 14.5 | 7.0 |
| MONO % | 11.0 | 7.0 | 6.5 | 5.0 | 4.0 | 3.5 |
| GRAN % | 31.0 | 9.0 | 62.0 | 9.0 | 81.5 | 8.0 |
| LYMP # | 1.2 | 0.3 | 2.5 | 0.7 | 3.1 | 1.5 |
| MONO # | 0.2 | 0.2 | 0.5 | 0.4 | 0.9 | 0.8 |
| GRAN # | 0.6 | 0.2 | 5.0 | 0.8 | 17.4 | 1.8 |

Mindray BC-2300, BC-2100

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.0 | 0.5 | 7.9 | 1.0 | 21.2 | 2.5 |
| RBC 10 ¹² /l | 2.25 | 0.22 | 4.58 | 0.28 | 5.45 | 0.36 |
| Hb g/dl | 6.1 | 0.5 | 13.8 | 0.8 | 18.3 | 1.0 |
| Hb mmol/l | 3.8 | 0.4 | 8.6 | 0.5 | 11.4 | 0.7 |
| Hct % | 16.2 | 1.5 | 38.5 | 2.0 | 51.0 | 2.4 |
| Hct l/l | 0.162 | 0.015 | 0.385 | 0.020 | 0.510 | 0.024 |
| MCV fl | 72.0 | 5.0 | 84.0 | 5.0 | 93.5 | 5.0 |
| MCH pg | 27.1 | 2.5 | 30.1 | 2.5 | 33.6 | 2.5 |
| MCH fmol | 1.68 | 0.20 | 1.87 | 0.20 | 2.08 | 0.20 |
| MCHC g/dl | 37.7 | 3.0 | 35.9 | 3.0 | 35.9 | 3.0 |
| MCHC mmol/l | 23.4 | 1.9 | 22.2 | 1.9 | 22.3 | 1.9 |
| RDW-CV | 14.7 | 3.0 | 14.5 | 3.0 | 13.8 | 3.0 |
| RDW-SD | 33.2 | 8.0 | 38.3 | 8.0 | 40.3 | 8.0 |
| Plts 10 ⁹ /l | 58 | 20 | 255 | 40 | 540 | 60 |
| MPV fl | 10.4 | 3.0 | 10.3 | 3.0 | 10.3 | 3.0 |
| PCT % | 0.06 | 0.05 | 0.26 | 0.10 | 0.55 | 0.20 |
| PCT ml/l | 0.60 | 0.50 | 2.60 | 1.00 | 5.50 | 2.00 |
| PDW fl | 15.3 | 3.0 | 15.1 | 3.0 | 15.1 | 3.0 |
| LYMP % | 58.0 | 10.0 | 31.3 | 8.0 | 14.0 | 7.0 |
| MONO % | 11.8 | 8.0 | 8.6 | 6.0 | 9.2 | 5.0 |
| GRAN % | 30.2 | 9.0 | 60.1 | 10.0 | 76.8 | 9.0 |
| LYMP # | 1.2 | 0.3 | 2.5 | 0.7 | 3.0 | 1.5 |
| MONO # | 0.2 | 0.2 | 0.7 | 0.5 | 2.0 | 1.1 |
| GRAN # | 0.6 | 0.2 | 4.7 | 0.8 | 16.2 | 1.9 |

Mindray BC-3000 Plus (new models s/n A75xxx) , BC-2900, BC-1800

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.0 | 0.5 | 8.0 | 1.0 | 20.8 | 2.5 |
| RBC 10 ¹² /l | 2.44 | 0.18 | 4.80 | 0.24 | 5.68 | 0.30 |
| Hb g/dl | 5.9 | 0.4 | 13.6 | 0.6 | 18.3 | 0.8 |
| Hb mmol/l | 3.7 | 0.3 | 8.4 | 0.4 | 11.4 | 0.5 |
| Hct % | 18.4 | 1.5 | 41.5 | 2.0 | 54.5 | 2.4 |
| Hct l/l | 0.184 | 0.015 | 0.415 | 0.020 | 0.545 | 0.024 |
| MCV fl | 75.5 | 5.0 | 86.5 | 5.0 | 96.0 | 5.0 |
| MCH pg | 24.2 | 2.5 | 28.3 | 2.5 | 32.2 | 2.5 |
| MCH fmol | 1.50 | 0.20 | 1.76 | 0.20 | 2.00 | 0.20 |
| MCHC g/dl | 32.0 | 3.0 | 32.8 | 3.0 | 33.6 | 3.0 |
| MCHC mmol/l | 19.9 | 1.9 | 20.3 | 1.9 | 20.8 | 1.9 |
| RDW-CV | 15.5 | 3.0 | 14.5 | 3.0 | 14.0 | 3.0 |
| RDW-SD | 39.5 | 6.0 | 41.5 | 6.0 | 45.0 | 8.0 |
| Plts 10 ⁹ /l | 75 | 20 | 270 | 40 | 550 | 60 |
| MPV fl | 9.2 | 3.0 | 8.8 | 3.0 | 8.8 | 3.0 |
| PCT % | 0.07 | 0.05 | 0.24 | 0.10 | 0.48 | 0.20 |
| PCT ml/l | 0.70 | 0.50 | 2.40 | 1.00 | 4.80 | 2.00 |
| PDW fl | 16.2 | 3.0 | 15.7 | 3.0 | 15.8 | 3.0 |
| LYMP % | 55.5 | 12.0 | 30.5 | 8.0 | 14.0 | 7.0 |
| MONO % | 12.0 | 8.0 | 7.5 | 6.0 | 4.5 | 4.0 |
| GRAN % | 32.5 | 9.0 | 62.0 | 8.0 | 81.5 | 8.0 |
| LYMP # | 1.1 | 0.3 | 2.4 | 0.7 | 2.9 | 1.5 |
| MONO # | 0.2 | 0.2 | 0.6 | 0.5 | 0.9 | 0.8 |
| GRAN # | 0.7 | 0.2 | 5.0 | 0.7 | 17.0 | 1.7 |

Mindray: BC-3000 with CyMet Mindray CN-free (old models s/n A59xxx)

| Parameters | LOW | | NORMAL | | HIGH | |
|-------------------------|-------|---------|--------|---------|-------|---------|
| | Mean | Range ± | Mean | Range ± | Mean | Range ± |
| WBC 10 ⁹ /l | 2.2 | 0.5 | 7.8 | 1.0 | 19.4 | 2.5 |
| RBC 10 ¹² /l | 2.20 | 0.18 | 4.46 | 0.24 | 5.49 | 0.30 |
| Hb g/dl ** | 6.1 | 0.4 | 14.4 | 0.6 | 19.1 | 0.8 |
| Hb mmol/l ** | 3.8 | 0.3 | 8.9 | 0.4 | 11.9 | 0.5 |
| Hct % | 17.7 | 1.5 | 40.4 | 2.0 | 54.4 | 2.4 |
| Hct l/l | 0.177 | 0.015 | 0.404 | 0.020 | 0.544 | 0.024 |
| MCV fl | 80.5 | 5.0 | 90.5 | 5.0 | 99.0 | 5.0 |
| MCH pg ** | 27.7 | 2.5 | 32.3 | 2.5 | 34.8 | 2.5 |
| MCH fmol ** | 1.72 | 0.20 | 2.00 | 0.20 | 2.16 | 0.20 |
| MCHC g/dl ** | 34.4 | 3.0 | 35.7 | 3.0 | 35.1 | 3.0 |
| MCHC mmol/l ** | 21.4 | 1.9 | 22.1 | 1.9 | 21.8 | 1.9 |
| RDW-CV | 15.2 | 3.0 | 14.8 | 3.0 | 14.7 | 3.0 |
| RDW-SD | 43.7 | 6.0 | 47.8 | 6.0 | 52.0 | 8.0 |
| Plts 10 ⁹ /l | 67 | 20 | 234 | 40 | 478 | 60 |
| MPV fl | 8.8 | 3.0 | 9.1 | 3.0 | 8.8 | 3.0 |
| LYMP % | 58.3 | 12.0 | 30.4 | 8.0 | 13.8 | 7.0 |
| MONO % | 12.8 | 8.0 | 7.6 | 7.6 | 4.9 | 4.9 |
| GRAN % | 28.9 | 9.0 | 62.0 | 8.0 | 81.3 | 8.0 |
| LYMP # | 1.3 | 0.3 | 2.4 | 0.7 | 2.7 | 1.5 |
| MONO # | 0.3 | 0.3 | 0.6 | 0.6 | 1.0 | 1.0 |
| GRAN # | 0.6 | 0.2 | 4.8 | 0.7 | 15.8 | 1.7 |

**** Mindray: BC-3000 with CyMet Mindray (with CN) (old series s/n A59xxx)**

| | | | | | | |
|-------------|------|------|------|------|------|------|
| Hb g/dl | 5.8 | 0.4 | 13.4 | 0.6 | 17.8 | 0.8 |
| Hb mmol/l | 3.6 | 0.3 | 8.3 | 0.4 | 11.0 | 0.5 |
| MCH pg | 26.4 | 2.5 | 30.0 | 2.5 | 32.4 | 2.5 |
| MCH fmol | 1.64 | 0.20 | 1.86 | 0.20 | 2.01 | 0.20 |
| MCHC g/dl | 32.7 | 3.0 | 33.2 | 3.0 | 32.8 | 3.0 |
| MCHC mmol/l | 20.3 | 1.9 | 20.6 | 1.9 | 20.3 | 1.9 |