



HORIBA ABX SAS

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 Parc Euromédecine
 Rue du Caducée - BP 7290
 34184 MONTPELLIER Cedex 4
 FRANCE
 Tél.: 33 (0) 4 67 14 15 16
 Fax.: 33 (0) 4 67 14 15 17



LOT MX 034 L
 Rev 1

CONTROL L

(Exp.)

2014-06-05
 (YYYY - MM - DD)

| PARAMETRES PARAMETERS | UNITES UNITS | ABX Lyse | | | | | | | | | TOLERANCES TOLERANCE |
|--------------------------|--|-----------------|----------------|--------|--------|----------------------------|----------------|---------------------|------------|----------------------------------|-------------------------|
| | | MICROS | MICROS | MICROS | MICROS | MICROS | ARGOS - HELIOS | PENTRA | PENTRA | PENTRA | |
| | | ES60 Care ST | CRP CRP 200 | 8P | 18P | 60 8P - 60 18P ADVIA 60 | | 60 60 C+ ES60 | 80 XL80 | 120 - 120 RETIC DF120 - DX120 | |
| GB WBC | 10 ⁹ /mm ³ ; 10 ⁹ /l | 2.0 | 2.0 | 1.9 | 1.9 | 2.0 | | 2.0 | 2.0 | | ± 0.4 |
| GR RBC | 10 ⁶ /mm ³ ; 10 ¹² /l | 2.42 | 2.37 | 2.39 | 2.37 | 2.39 | | 2.44 | 2.35 | | ± 0.15 |
| HB HGB | g/dl | 6.1 | 6.0 | 5.9 | 6.0 | 6.0 | | 6.0 | 5.9 | | ± 0.4 |
| | g/l | 61 | 60 | 59 | 60 | 60 | | 60 | 59 | | ± 4 |
| | mmol/l | 3.79 | 3.73 | 3.66 | 3.73 | 3.73 | | 3.73 | 3.66 | | ± 0.25 |
| HT HCT | % | 16.7 | 16.1 | 16.5 | 16.4 | 16.5 | | 16.6 | 16.7 | | ± 2.0 |
| | l/l | 0.167 | 0.161 | 0.165 | 0.164 | 0.165 | | 0.166 | 0.167 | | ± 0.020 |
| VGM MCV | µm ³ ; fl | 69 | 68 | 69 | 69 | 69 | | 68 | 71 | | ± 4 |
| TGMH MCH | pg | 25.2 | 25.3 | 24.7 | 25.3 | 25.1 | | 24.6 | 25.1 | | ± 2.0 |
| | fmol | 1.57 | 1.57 | 1.53 | 1.57 | 1.56 | | 1.53 | 1.56 | | ± 0.12 |
| CCMH MCHC | g/dl | 36.5 | 37.2 | 35.8 | 36.7 | 36.4 | | 36.2 | 35.4 | | ± 3.0 |
| | g/l | 365 | 372 | 358 | 367 | 364 | | 362 | 354 | | ± 30 |
| | mmol/l | 22.69 | 23.12 | 22.22 | 22.78 | 22.59 | | 22.46 | 21.96 | | ± 1.86 |
| IDR RDW | % | 14.0 | 13.5 | N/A | 13.5 | 13.5 | | 15.5 | 15.5 | | ± 3.0 |
| PLAQ. PLTS | 10 ³ /mm ³ ; 10 ⁹ /l | 74 | 73 | 64 | 73 | 72 | | * 67 | * 68 | | ± 20 *± 22 |
| VPM MPV | µm ³ ; fl | 8.8 | 8.8 | N/A | 9.0 | 8.3 | | 9.5 | 10.3 | | ± 2.0 |
| LYMPHO | # | 1.26 | 1.28 | N/A | 0.96 | 1.26 | | N/A | N/A | | ± 0.40 |
| | % | 64.0 | 64.0 | N/A | 50.5 | 63.0 | | N/A | N/A | | ± 7.0 |
| MONO | # | 0.20 | 0.20 | N/A | 0.30 | 0.20 | | N/A | N/A | | ± 0.20 |
| | % | 9.0 | 10.0 | N/A | 16.0 | 10.0 | | N/A | N/A | | ± 6.0 |
| GRANULO | # | 0.54 | 0.52 | N/A | 0.64 | 0.54 | | N/A | N/A | | ± 0.40 |
| | % | 27.0 | 26.0 | N/A | 33.5 | 27.0 | | N/A | N/A | | ± 7.0 |

* For ABX Pentra 60 Pentra 80 instruments only

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|--------------------------|--|-----------------|----------------|--------|--------|----------------------------|----------------|---------------------|------------|----------------------------------|-------------------------|
| | | MICROS | MICROS | MICROS | MICROS | MICROS | ARGOS - HELIOS | PENTRA | PENTRA | PENTRA | |
| | | ES60 Care ST | CRP CRP 200 | 8P | 18P | 60 8P - 60 18P ADVIA 60 | | 60 60 C+ ES60 | 80 XL80 | 120 - 120 RETIC DF120 - DX120 | |
| GB WBC | 10 ⁹ /mm ³ ; 10 ⁹ /l | 7.3 | 7.1 | 7.1 | 7.2 | 7.3 | | 7.5 | 7.5 | | ± 0.8 |
| GR RBC | 10 ⁶ /mm ³ ; 10 ¹² /l | 4.61 | 4.53 | 4.56 | 4.52 | 4.58 | | 4.62 | 4.55 | | ± 0.18 |
| HB HGB | g/dl | 13.5 | 13.3 | 13.3 | 13.3 | 13.4 | | 13.4 | 13.3 | | ± 0.5 |
| | g/l | 135 | 133 | 133 | 133 | 134 | | 134 | 133 | | ± 5 |
| | mmol/l | 8.38 | 8.26 | 8.26 | 8.26 | 8.32 | | 8.32 | 8.26 | | ± 0.31 |
| HT HCT | % | 36.9 | 36.2 | 36.9 | 37.1 | 37.1 | | 36.5 | 36.4 | | ± 2.5 |
| | l/l | 0.369 | 0.362 | 0.369 | 0.371 | 0.371 | | 0.365 | 0.364 | | ± 0.025 |
| VGM MCV | µm ³ ; fl | 80 | 80 | 81 | 82 | 81 | | 79 | 80 | | ± 4 |
| TGMH MCH | pg | 29.3 | 29.4 | 29.2 | 29.4 | 29.3 | | 29.0 | 29.2 | | ± 2.0 |
| | fmol | 1.82 | 1.82 | 1.81 | 1.83 | 1.82 | | 1.80 | 1.82 | | ± 0.12 |
| CCMH MCHC | g/dl | 36.6 | 36.7 | 36.0 | 35.9 | 36.1 | | 36.7 | 36.5 | | ± 3.0 |
| | g/l | 366 | 367 | 360 | 359 | 361 | | 367 | 365 | | ± 30 |
| | mmol/l | 22.73 | 22.79 | 22.36 | 22.28 | 22.43 | | 22.80 | 22.69 | | ± 1.86 |
| IDR RDW | % | 13.5 | 13.0 | N/A | 12.5 | 13.0 | | 13.5 | 15.0 | | ± 3.0 |
| PLAQ. PLTS | 10 ³ /mm ³ ; 10 ⁹ /l | 249 | 238 | 235 | 242 | 242 | | * 245 | * 240 | | ± 40 *± 40 |
| VPM MPV | µm ³ ; fl | 8.1 | 8.0 | N/A | 8.3 | 7.6 | | 9.1 | 9.1 | | ± 2.0 |
| LYMPHO | # | 2.48 | 2.38 | N/A | 1.94 | 2.41 | | N/A | N/A | | ± 0.40 |
| | % | 34.0 | 33.5 | N/A | 27.0 | 33.0 | | N/A | N/A | | ± 5.0 |
| MONO | # | 0.51 | 0.53 | N/A | 0.58 | 0.51 | | N/A | N/A | | ± 0.30 |
| | % | 7.0 | 7.5 | N/A | 8.0 | 7.0 | | N/A | N/A | | ± 4.0 |
| GRANULO | # | 4.31 | 4.19 | N/A | 4.68 | 4.38 | | N/A | N/A | | ± 0.60 |
| | % | 59.0 | 59.0 | N/A | 65.0 | 60.0 | | N/A | N/A | | ± 6.0 |

* For ABX Pentra 60 Pentra 80 instruments only

Ref: TEMP-0630 Rev.34 FRONT / RECTO 9930064-A

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|--------------------------|--|-----------------|----------------|--------|--------|----------------------------|----------------|---------------------|------------|----------------------------------|-------------------------|
| | | MICROS | MICROS | MICROS | MICROS | MICROS | ARGOS - HELIOS | PENTRA | PENTRA | PENTRA | |
| | | ES60 Care ST | CRP CRP 200 | 8P | 18P | 60 8P - 60 18P ADVIA 60 | | 60 60 C+ ES60 | 80 XL80 | 120 - 120 RETIC DF120 - DX120 | |
| GB WBC | 10 ⁹ /mm ³ ; 10 ⁹ /l | 20.7 | 19.8 | 19.7 | 20.0 | 20.5 | | 21.6 | 21.3 | | ± 2.0 |
| GR RBC | 10 ⁶ /mm ³ ; 10 ¹² /l | 5.72 | 5.62 | 5.62 | 5.64 | 5.68 | | 5.65 | 5.65 | | ± 0.20 |
| HB HGB | g/dl | 18.2 | 17.7 | 17.8 | 18.1 | 18.1 | | 18.0 | 17.8 | | ± 0.7 |
| | g/l | 182 | 177 | 178 | 181 | 181 | | 180 | 178 | | ± 7 |
| | mmol/l | 11.30 | 10.99 | 11.05 | 11.24 | 11.24 | | 11.18 | 11.05 | | ± 0.37 |
| HT HCT | % | 50.3 | 49.5 | 49.5 | 50.2 | 50.0 | | 49.2 | 48.6 | | ± 3.0 |
| | l/l | 0.503 | 0.495 | 0.495 | 0.502 | 0.500 | | 0.492 | 0.486 | | ± 0.030 |
| VGM MCV | µm ³ ; fl | 88 | 88 | 88 | 89 | 88 | | 87 | 86 | | ± 4 |
| TGMH MCH | pg | 31.8 | 31.5 | 31.7 | 32.1 | 31.9 | | 31.9 | 31.5 | | ± 2.0 |
| | fmol | 1.98 | 1.96 | 1.97 | 1.99 | 1.98 | | 1.98 | 1.96 | | ± 0.12 |
| CCMH MCHC | g/dl | 36.2 | 35.8 | 36.0 | 36.1 | 36.2 | | 36.6 | 36.6 | | ± 3.0 |
| | g/l | 362 | 358 | 360 | 361 | 362 | | 366 | 366 | | ± 30 |
| | mmol/l | 22.45 | 22.23 | 22.35 | 22.39 | 22.49 | | 22.74 | 22.75 | | ± 1.86 |
| IDR RDW | % | 13.0 | 12.5 | N/A | 12.5 | 12.5 | | 12.8 | 13.8 | | ± 3.0 |
| PLAQ. PLTS | 10 ³ /mm ³ ; 10 ⁹ /l | 515 | 507 | 520 | 532 | 510 | | * 520 | * 520 | | ± 45 ± 55 |
| VPM MPV | µm ³ ; fl | 8.0 | 7.8 | N/A | 8.0 | 7.5 | | 8.9 | 8.9 | | ± 2.0 |
| LYMPHO | # | 3.21 | 2.97 | N/A | 2.40 | 3.08 | | N/A | N/A | | ± 1.00 |
| | % | 15.5 | 15.0 | N/A | 12.0 | 15.0 | | N/A | N/A | | ± 5.0 |
| MONO | # | 1.14 | 1.19 | N/A | 0.80 | 1.03 | | N/A | N/A | | ± 0.80 |
| | % | 5.5 | 6.0 | N/A | 4.0 | 5.0 | | N/A | N/A | | ± 4.0 |
| GRANULO | # | 16.35 | 15.64 | N/A | 16.80 | 16.40 | | N/A | N/A | | ± 1.40 |
| | % | 79.0 | 79.0 | N/A | 84.0 | 80.0 | | N/A | N/A | | ± 7.0 |

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