


**HORIBA ABX SAS**  
HORIBA ABX SAS  
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 PX 053**

**CONTROL**

 (Exp.) **2013-07-05**  
(YYYY-MM-DD)


Rev 3

|                          |  | <b>ABX Lysebio</b> |            |       |       |   |                         |                    |            |       |       |   |                         |                    |            |       |       |   |                         |
|--------------------------|--|--------------------|------------|-------|-------|---|-------------------------|--------------------|------------|-------|-------|---|-------------------------|--------------------|------------|-------|-------|---|-------------------------|
| PARAMETRES<br>PARAMETERS | UNITES<br>UNITS  | CONTROL            |            |       |       | L | TOLERANCES<br>TOLERANCE | CONTROL            |            |       |       | N | TOLERANCES<br>TOLERANCE | CONTROL            |            |       |       | H | TOLERANCES<br>TOLERANCE |
|                          |  | PENTRA             |            |       |       |   |                         | PENTRA             |            |       |       |   |                         | PENTRA             |            |       |       |   |                         |
|                          |  | 60<br>60C+<br>ES60 | 80<br>XL80 | MS60  | XLR   |   |                         | 60<br>60C+<br>ES60 | 80<br>XL80 | MS60  | XLR   |   |                         | 60<br>60C+<br>ES60 | 80<br>XL80 | MS60  | XLR   |   |                         |
| GB WBC                   | 10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l  | 2.4                | 2.5        | 2.5   | 2.5   |   | ± 0.4                   | 7.4                | 7.4        | 7.5   | 7.4   |   | ± 1.0                   | 17.2               | 17.2       | 17.2  | 17.2  |   | ± 2.2                   |
| GR RBC                   | 10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l | 2.48               | 2.44       | 2.47  | 2.44  |   | ± 0.12                  | 4.56               | 4.57       | 4.57  | 4.57  |   | ± 0.15                  | 5.02               | 5.05       | 5.04  | 5.05  |   | ± 0.20                  |
| HB HGB                   | g/dl   | 7.0                | 6.9        | 6.9   | 6.9   |   | ± 0.4                   | 13.7               | 13.8       | 13.8  | 13.8  |   | ± 0.5                   | 16.0               | 16.1       | 16.0  | 16.1  |   | ± 0.6                   |
|                          | g/l  | 70                 | 69         | 69    | 69    |   | ± 4                     | 137                | 138        | 138   | 138   |   | ± 5                     | 160                | 161        | 160   | 161   |   | ± 6                     |
|                          | mmol/l   | 4.35               | 4.28       | 4.28  | 4.28  |   | ± 0.25                  | 8.51               | 8.57       | 8.57  | 8.57  |   | ± 0.31                  | 9.94               | 10.00      | 9.94  | 10.00 |   | ± 0.37                  |
| HT HCT                   | %  | 19.8               | 20.3       | 19.5  | 20.3  |   | ± 1.5                   | 37.8               | 38.4       | 37.0  | 38.4  |   | ± 2.0                   | 43.7               | 43.9       | 42.8  | 43.9  |   | ± 2.5                   |
|                          | l/l  | 0.198              | 0.203      | 0.195 | 0.203 |   | ± 0.015                 | 0.378              | 0.384      | 0.370 | 0.384 |   | ± 0.020                 | 0.437              | 0.439      | 0.428 | 0.439 |   | ± 0.025                 |
| VGM MCV                  | µm <sup>3</sup> ; fl                                   | 80                 | 83         | 79    | 83    |   | ± 5                     | 83                 | 84         | 81    | 84    |   | ± 5                     | 87                 | 87         | 85    | 87    |   | ± 5                     |
| TGMH MCH                 | pg   | 28.2               | 28.3       | 27.9  | 28.3  |   | ± 2.0                   | 30.0               | 30.2       | 30.2  | 30.2  |   | ± 2.0                   | 31.9               | 31.9       | 31.7  | 31.9  |   | ± 2.5                   |
|                          | fmol   | 1.75               | 1.76       | 1.73  | 1.76  |   | ± 0.12                  | 1.87               | 1.88       | 1.88  | 1.88  |   | ± 0.12                  | 1.98               | 1.98       | 1.97  | 1.98  |   | ± 0.16                  |
|                          | g/dl   | 35.3               | 34.1       | 35.4  | 34.1  |   | ± 3.0                   | 36.2               | 35.9       | 37.3  | 35.9  |   | ± 3.0                   | 36.6               | 36.6       | 37.3  | 36.6  |   | ± 3.0                   |
| CCMH MCHC                | g/l  | 353                | 341        | 354   | 341   |   | ± 30                    | 362                | 359        | 373   | 359   |   | ± 30                    | 366                | 366        | 373   | 366   |   | ± 30                    |
|                          | mmol/l   | 21.91              | 21.16      | 21.96 | 21.16 |   | ± 1.86                  | 22.48              | 22.32      | 23.15 | 22.32 |   | ± 1.86                  | 22.75              | 22.76      | 23.19 | 22.76 |   | ± 1.86                  |
| IDR RDW                  | %  | 13.2               | 13.6       | 12.5  | 13.6  |   | ± 4.0                   | 12.5               | 13.6       | 12.1  | 13.6  |   | ± 4.0                   | 12.3               | 13.2       | 12.0  | 13.2  |   | ± 4.0                   |
| PLAQ. PLTS               | 10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l  | 72                 | 70         | 68    | 70    |   | ± 20                    | 258                | 260        | 260   | 260   |   | ± 30                    | 505                | 515        | 520   | 515   |   | ± 50                    |
| VPM MPV                  | µm <sup>3</sup> ; fl                                   | 9.2                | 9.3        | 9.1   | 9.3   |   | ± 2.0                   | 8.9                | 9.1        | 9.1   | 9.1   |   | ± 2.0                   | 8.8                | 9.0        | 8.9   | 9.0   |   | ± 2.0                   |
| NEUT                     | #  | 1.49               | 1.60       | 1.43  | 1.60  |   | ± 0.30                  | 4.37               | 4.40       | 4.31  | 4.40  |   | ± 0.80                  | 11.87              | 11.78      | 11.75 | 11.78 |   | ± 1.90                  |
|                          | %  | 62.0               | 64.0       | 57.0  | 64.0  |   | ± 10.0                  | 59.0               | 59.5       | 57.5  | 59.5  |   | ± 10.0                  | 69.0               | 68.5       | 68.3  | 68.5  |   | ± 10.0                  |
| LYMPHO                   | #  | 0.56               | 0.55       | 0.69  | 0.55  |   | ± 0.30                  | 2.18               | 2.11       | 2.29  | 2.11  |   | ± 0.70                  | 2.92               | 2.92       | 3.06  | 2.92  |   | ± 1.50                  |
|                          | %  | 23.5               | 22.0       | 27.5  | 22.0  |   | ± 9.0                   | 29.5               | 28.5       | 30.5  | 28.5  |   | ± 8.0                   | 17.0               | 17.0       | 17.8  | 17.0  |   | ± 8.0                   |
| MONO                     | #  | 0.13               | 0.11       | 0.16  | 0.11  |   | ± 0.11                  | 0.33               | 0.33       | 0.38  | 0.33  |   | ± 0.33                  | 0.77               | 0.77       | 0.77  | 0.77  |   | ± 0.77                  |
|                          | %  | 5.5                | 4.5        | 6.5   | 4.5   |   | ± 4.5                   | 4.5                | 4.5        | 5.0   | 4.5   |   | ± 4.5                   | 4.5                | 4.5        | 4.5   | 4.5   |   | ± 4.5                   |
| EOS                      | #  | 0.13               | 0.15       | 0.14  | 0.15  |   | ± 0.13                  | 0.27               | 0.30       | 0.27  | 0.30  |   | ± 0.27                  | 0.86               | 0.95       | 0.86  | 0.95  |   | ± 0.82                  |
|                          | %  | 5.5                | 6.0        | 5.5   | 6.0   |   | ± 5.0                   | 3.5                | 4.0        | 3.5   | 4.0   |   | ± 3.5                   | 5.0                | 5.5        | 5.0   | 5.5   |   | ± 4.5                   |
| BASO                     | #  | 0.08               | 0.09       | 0.09  | 0.09  |   | ± 0.05                  | 0.26               | 0.26       | 0.26  | 0.26  |   | ± 0.16                  | 0.77               | 0.77       | 0.76  | 0.77  |   | ± 0.36                  |
|                          | %  | 3.5                | 3.5        | 3.5   | 3.5   |   | ± 2.0                   | 3.5                | 3.5        | 3.5   | 3.5   |   | ± 2.0                   | 4.5                | 4.5        | 4.4   | 4.5   |   | ± 2.0                   |

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|--------------------------|--|------------------|----------------|----------------------|---|-------------------------|------------------|----------------|----------------------|---|-------------------------|------------------|----------------|----------------------|---|-------------------------|
| PARAMETRES<br>PARAMETERS | UNITES<br>UNITS  | CONTROL          |                |                      | L | TOLERANCES<br>TOLERANCE | CONTROL          |                |                      | N | TOLERANCES<br>TOLERANCE | CONTROL          |                |                      | H | TOLERANCES<br>TOLERANCE |
|                          |  | PENTRA           |                |                      |   |                         | PENTRA           |                |                      |   |                         | PENTRA           |                |                      |   |                         |
|                          |  | 120<br>120 RETIC | DX120<br>DF120 | DX NEXUS<br>DF NEXUS |   |                         | 120<br>120 RETIC | DX120<br>DF120 | DX NEXUS<br>DF NEXUS |   |                         | 120<br>120 RETIC | DX120<br>DF120 | DX NEXUS<br>DF NEXUS |   |                         |
| GB WBC                   | 10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l  | 2.5              | 2.5            | 2.5                  |   | ± 0.4                   | 7.8              | 7.8            | 7.8                  |   | ± 1.0                   | 18.2             | 18.2           | 18.2                 |   | ± 2.2                   |
| GR RBC                   | 10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l | 2.48             | 2.48           | 2.48                 |   | ± 0.12                  | 4.60             | 4.60           | 4.60                 |   | ± 0.15                  | 5.14             | 5.14           | 5.14                 |   | ± 0.20                  |
| HB HGB                   | g/dl   | 7.1              | 7.1            | 7.1                  |   | ± 0.4                   | 13.8             | 13.8           | 13.8                 |   | ± 0.5                   | 16.0             | 16.0           | 16.0                 |   | ± 0.6                   |
|                          | g/l  | 71               | 71             | 71                   |   | ± 4                     | 138              | 138            | 138                  |   | ± 5                     | 160              | 160            | 160                  |   | ± 6                     |
| HT HCT                   | mmol/l   | 4.41             | 4.41           | 4.41                 |   | ± 0.25                  | 8.57             | 8.57           | 8.57                 |   | ± 0.31                  | 9.94             | 9.94           | 9.94                 |   | ± 0.37                  |
|                          | %  | 20.3             | 20.3           | 20.3                 |   | ± 1.5                   | 38.6             | 38.6           | 38.6                 |   | ± 2.0                   | 44.7             | 44.7           | 44.7                 |   | ± 2.5                   |
| VGM MCV                  | l/l  | 0.203            | 0.203          | 0.203                |   | ± 0.015                 | 0.386            | 0.386          | 0.386                |   | ± 0.020                 | 0.447            | 0.447          | 0.447                |   | ± 0.025                 |
|                          | µm <sup>3</sup> ·fl                                    | 82               | 82             | 82                   |   | ± 5                     | 84               | 84             | 84                   |   | ± 5                     | 87               | 87             | 87                   |   | ± 5                     |
| TGMH MCH                 | pg   | 28.6             | 28.6           | 28.6                 |   | ± 2.0                   | 30.0             | 30.0           | 30.0                 |   | ± 2.0                   | 31.1             | 31.1           | 31.1                 |   | ± 2.5                   |
|                          | fmol   | 1.78             | 1.78           | 1.78                 |   | ± 0.12                  | 1.86             | 1.86           | 1.86                 |   | ± 0.12                  | 1.93             | 1.93           | 1.93                 |   | ± 0.16                  |
| CCMH MCHC                | g/dl   | 34.9             | 34.9           | 34.9                 |   | ± 3.0                   | 35.7             | 35.7           | 35.7                 |   | ± 3.0                   | 35.8             | 35.8           | 35.8                 |   | ± 3.0                   |
|                          | g/l  | 349              | 349            | 349                  |   | ± 30                    | 357              | 357            | 357                  |   | ± 30                    | 358              | 358            | 358                  |   | ± 30                    |
|                          | mmol/l   | 21.68            | 21.68          | 21.68                |   | ± 1.86                  | 22.18            | 22.18          | 22.18                |   | ± 1.86                  | 22.22            | 22.22          | 22.22                |   | ± 1.86                  |
| IDR RDW                  | %  | 16.0             | 16.0           | 16.0                 |   | ± 4.0                   | 16.0             | 16.0           | 16.0                 |   | ± 4.0                   | 15.2             | 15.2           | 15.2                 |   | ± 4.0                   |
| PLAQ. PLTS               | 10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l  | 74               | 74             | 74                   |   | ± 20                    | 258              | 258            | 258                  |   | ± 30                    | 508              | 508            | 508                  |   | ± 50                    |
| VPM MPV                  | µm <sup>3</sup> ·fl                                    | 9.1              | 9.1            | 9.1                  |   | ± 2.0                   | 9.0              | 9.0            | 9.0                  |   | ± 2.0                   | 8.9              | 8.9            | 8.9                  |   | ± 2.0                   |
| NEUT                     | #  | 1.60             | 1.55           | 1.55                 |   | ± 0.30                  | 4.60             | 4.60           | 4.60                 |   | ± 0.80                  | 12.69            | 12.65          | 12.65                |   | ± 1.90                  |
|                          | %  | 64.0             | 62.0           | 62.0                 |   | ± 10.0                  | 59.0             | 59.0           | 59.0                 |   | ± 10.0                  | 69.7             | 69.5           | 69.5                 |   | ± 10.0                  |
| LYMPHO                   | #  | 0.60             | 0.56           | 0.56                 |   | ± 0.30                  | 2.34             | 2.18           | 2.18                 |   | ± 0.70                  | 3.24             | 3.00           | 3.00                 |   | ± 1.50                  |
|                          | %  | 24.0             | 22.5           | 22.5                 |   | ± 9.0                   | 30.0             | 28.0           | 28.0                 |   | ± 8.0                   | 17.8             | 16.5           | 16.5                 |   | ± 8.0                   |
| MONO                     | #  | 0.11             | 0.19           | 0.19                 |   | ± 0.11                  | 0.39             | 0.51           | 0.51                 |   | ± 0.33                  | 1.00             | 1.18           | 1.18                 |   | ± 0.77                  |
|                          | %  | 4.5              | 7.5            | 7.5                  |   | ± 4.5                   | 5.0              | 6.5            | 6.5                  |   | ± 4.5                   | 5.5              | 6.5            | 6.5                  |   | ± 4.5                   |
| EOS                      | #  | 0.13             | 0.13           | 0.13                 |   | ± 0.13                  | 0.27             | 0.27           | 0.27                 |   | ± 0.27                  | 0.82             | 0.82           | 0.82                 |   | ± 0.82                  |
|                          | %  | 5.0              | 5.0            | 5.0                  |   | ± 5.0                   | 3.5              | 3.5            | 3.5                  |   | ± 3.5                   | 4.5              | 4.5            | 4.5                  |   | ± 4.5                   |
| BASO                     | #  | 0.06             | 0.08           | 0.08                 |   | ± 0.05                  | 0.20             | 0.23           | 0.23                 |   | ± 0.16                  | 0.46             | 0.55           | 0.55                 |   | ± 0.36                  |
|                          | %  | 2.5              | 3.0            | 3.0                  |   | ± 2.0                   | 2.5              | 3.0            | 3.0                  |   | ± 2.0                   | 2.5              | 3.0            | 3.0                  |   | ± 2.0                   |

Ref: TEMP-0821 Rev.32 BACK / VERSO 9930080-A