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|--|--|--|
| RoM = robust average                                 | AV = assigned value  | Dmax = acceptable percent difference     |
| SD = standard deviation                              | CRV = certified reference value                                      | LL = lower limit                         |
| CV = coefficient of variation                        | RV = reference value   | UL = upper limit                         |
| Ntot = total number of the participants              | CVE = consensus value from experts                                   | Neva = number of evaluated participants  |
| Nout = number of results excluded before calculation | CVP = consensus value from all participants                          | Nsuc = number of successful participants |
|  | CVPG = consensus value from participants groups                      | Srel = success (relative)                |
|  | U <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2) |  |

| Test                     | [unit]        | Comparability |       |        |                  |                  | Comparability |                 |                  |       |       |                  |                  |                  |
|--------------------------|---------------|---------------|-------|--------|------------------|------------------|---------------|-----------------|------------------|-------|-------|------------------|------------------|------------------|
|                          |               | RoM           | SD    | CV [%] | N <sub>tot</sub> | N <sub>out</sub> | AV            | U <sub>AV</sub> | D <sub>max</sub> | LL    | UL    | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |
| <b>(150) WBC</b>         |               |               |       |        | 36               |                  |               |                 |                  |       | 36    | 34               | 94%              |                  |
| Samples and groups       | r.10(exp9)/L  |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 6,63          | 0,32  | 4,8    | 36               | CVP              | 6,61          | 0,060           | 15%              | 5,61  | 7,61  | 36               | 34               | 94%              |
| All results              |               | 6,63          | 0,32  | 4,8    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>Sample B</b>          |               | 6,36          | 0,33  | 5,2    | 36               | CVP              | 6,31          | 0,049           | 15%              | 5,36  | 7,26  | 36               | 35               | 97%              |
| All results              |               | 6,36          | 0,33  | 5,2    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>(151) RBC</b>         |               |               |       |        | 36               |                  |               |                 |                  |       | 36    | 35               | 97%              |                  |
| Samples and groups       | r.10(exp12)/L |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 3,58          | 0,087 | 2,4    | 36               | CVP              | 3,59          | 0,013           | 7%               | 3,33  | 3,85  | 36               | 36               | 100%             |
| All results              |               | 3,58          | 0,087 | 2,4    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>Sample B</b>          |               | 3,71          | 0,092 | 2,5    | 36               | CVP              | 3,72          | 0,013           | 7%               | 3,45  | 3,99  | 36               | 35               | 97%              |
| All results              |               | 3,71          | 0,092 | 2,5    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>(152) Haemoglobin</b> |               |               |       |        | 36               |                  |               |                 |                  |       | 36    | 35               | 97%              |                  |
| Samples and groups       | [g/L]         |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 123           | 1,6   | 1,3    | 36               | CVP              | 123           | 0,40            | 6%               | 115   | 131   | 36               | 35               | 97%              |
| All results              |               | 123           | 1,6   | 1,3    | 36               | 1                |               |                 |                  |       |       | 36               |                  |                  |
| <b>Sample B</b>          |               | 129           | 1,9   | 1,4    | 36               | CVP              | 129           | 0,38            | 6%               | 121   | 137   | 36               | 35               | 97%              |
| All results              |               | 129           | 1,9   | 1,4    | 36               | 1                |               |                 |                  |       |       | 36               |                  |                  |
| <b>(153) HCT</b>         |               |               |       |        | 36               |                  |               |                 |                  |       | 36    | 35               | 97%              |                  |
| Samples and groups       | [-]           |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 0,380         | 0,012 | 3,1    | 36               | CVP              | 0,384         | ,0022           | 10%              | 0,345 | 0,423 | 36               | 35               | 97%              |
| All results              |               | 0,380         | 0,012 | 3,1    | 36               | 1                |               |                 |                  |       |       | 36               |                  |                  |
| <b>Sample B</b>          |               | 0,402         | 0,012 | 3,0    | 36               | CVP              | 0,407         | ,0024           | 10%              | 0,366 | 0,448 | 36               | 35               | 97%              |
| All results              |               | 0,402         | 0,012 | 3,0    | 36               | 1                |               |                 |                  |       |       | 36               |                  |                  |
| <b>(154) MCV</b>         |               |               |       |        | 36               |                  |               |                 |                  |       | 36    | 35               | 97%              |                  |
| Samples and groups       | [fL]          |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 106           | 2,2   | 2,1    | 36               | CVP              | 107           | 0,59            | 10%              | 96,3  | 118   | 36               | 36               | 100%             |
| All results              |               | 106           | 2,2   | 2,1    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>Sample B</b>          |               | 108           | 2,6   | 2,4    | 36               | CVP              | 109           | 0,58            | 10%              | 98,1  | 120   | 36               | 35               | 97%              |
| All results              |               | 108           | 2,6   | 2,4    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>(155) Platelets</b>   |               |               |       |        | 36               |                  |               |                 |                  |       | 36    | 36               | 100%             |                  |
| Samples and groups       | r.10(exp9)/L  |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 235           | 13    | 5,4    | 36               | CVP              | 233           | 2,1             | 20%              | 186   | 280   | 36               | 36               | 100%             |
| All results              |               | 235           | 13    | 5,4    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>Sample B</b>          |               | 232           | 12    | 5,0    | 36               | CVP              | 230           | 2,1             | 20%              | 184   | 276   | 36               | 36               | 100%             |
| All results              |               | 232           | 12    | 5,0    | 36               | 0                |               |                 |                  |       |       | 36               |                  |                  |
| <b>(156) RDW</b>         |               |               |       |        | 33               |                  |               |                 |                  |       | 33    | 31               | 94%              |                  |
| Samples and groups       | [%]           |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 12,8          | 0,37  | 2,9    | 33               |                  |               |                 |                  |       | 33    | 31               | 94%              |                  |
| (63) Sysmex              |               | 12,9          | 0,31  | 2,4    | 13               | 2                | CVPG          | 12,8            | 0,045            | 10%   | 11,5  | 14,1             | 13               |                  |
| (177) Mindray            |               | 12,7          | 0,35  | 2,8    | 18               | 0                | CVPG          | 12,9            | 0,19             | 10%   | 11,6  | 14,2             | 18               |                  |
| Other                    |               |               |       |        | 2                | 0                |               |                 |                  |       |       |                  | 2                |                  |
|                          |               |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample B</b>          |               | 13,1          | 0,46  | 3,5    | 33               |                  |               |                 |                  |       | 33    | 32               | 97%              |                  |
| (63) Sysmex              |               | 13,4          | 0,33  | 2,5    | 13               | 1                | CVPG          | 13,3            | 0,045            | 10%   | 11,9  | 14,7             | 13               |                  |
| (177) Mindray            |               | 12,9          | 0,45  | 3,5    | 18               | 0                | CVPG          | 13,1            | 0,23             | 10%   | 11,7  | 14,5             | 18               |                  |
| Other                    |               |               |       |        | 2                | 0                |               |                 |                  |       |       |                  | 2                |                  |
|                          |               |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>(157) MPV</b>         |               |               |       |        | 34               |                  |               |                 |                  |       | 34    | 33               | 97%              |                  |
| Samples and groups       | [fL]          |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 9,35          | 0,52  | 5,6    | 34               |                  |               |                 |                  |       | 34    | 34               | 100%             |                  |
| (63) Sysmex              |               | 9,68          | 0,27  | 2,8    | 13               | 0                | CVPG          | 9,66            | 0,063            | 18%   | 7,92  | 11,4             | 13               |                  |
| (177) Mindray            |               | 9,19          | 0,50  | 5,4    | 19               | 0                | CVPG          | 9,15            | 0,18             | 18%   | 7,5   | 10,8             | 19               |                  |
| Other                    |               |               |       |        | 2                | 0                |               |                 |                  |       |       |                  | 2                |                  |
|                          |               |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample B</b>          |               | 9,77          | 0,45  | 4,6    | 34               |                  |               |                 |                  |       | 34    | 33               | 97%              |                  |
| (63) Sysmex              |               | 9,99          | 0,30  | 3,0    | 13               | 0                | CVPG          | 9,96            | 0,071            | 18%   | 8,16  | 11,8             | 13               |                  |
| (177) Mindray            |               | 9,67          | 0,46  | 4,8    | 19               | 1                | CVPG          | 9,56            | 0,21             | 18%   | 7,83  | 11,3             | 19               |                  |
| Other                    |               |               |       |        | 2                | 0                |               |                 |                  |       |       |                  | 2                |                  |
|                          |               |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>(158) PDW [%]</b>     |               |               |       |        | 1                |                  |               |                 |                  |       | 1     | 1                | 100%             |                  |
| Samples and groups       | [%]           |               |       |        |                  |                  |               |                 |                  |       |       |                  |                  |                  |
| <b>Sample A</b>          |               | 16,1          |       |        | 1                |                  |               |                 |                  |       | 1     | 1                | 100%             |                  |

| Test                                    | [unit]       |       |       |        |                  |                  | Comparability |                 |                  |       |       |       | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |
|---|--------------|-------|-------|--------|------------------|------------------|---------------|-----------------|------------------|-------|-------|-------|------------------|------------------|------------------|
|   |              | RoM   | SD    | CV [%] | N <sub>tot</sub> | N <sub>out</sub> | AV            | U <sub>AV</sub> | D <sub>max</sub> | LL    | UL    |       |                  |                  |                  |
| <b>(158) PDW [%]</b>                    |              |       |       |        | 1                |                  |               |                 |                  |       |       |       | 1                | 1                | 100%             |
| Samples and groups                      | [%]          |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 16,1  |       |        | 1                |                  |               |                 |                  |       |       |       | 1                | 1                | 100%             |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 1                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample B</b>                         |              | 15,9  |       |        | 1                |                  |               |                 |                  |       |       |       | 1                | 1                | 100%             |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 1                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>(165) PDW [fL]</b>                   |              |       |       |        | 13               |                  |               |                 |                  |       |       |       | 13               | 12               | 92%              |
| Samples and groups                      | [fL]         |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 10,1  | 0,65  | 6,5    | 13               |                  |               |                 |                  |       |       |       | 13               | 12               | 92%              |
| (63) Sysmex                             |              | 10,1  | 0,65  | 6,5    | 13               | 0                | CVPG          | 10,1            | 0,15             | 15%   | 8,58  | 11,7  | 13               |                  |                  |
| <b>Sample B</b>                         |              | 11,1  | 0,61  | 5,5    | 13               |                  |               |                 |                  |       |       |       | 13               | 12               | 92%              |
| (63) Sysmex                             |              | 11,1  | 0,61  | 5,5    | 13               | 0                | CVPG          | 10,9            | 0,15             | 15%   | 9,26  | 12,6  | 13               |                  |                  |
| <b>(166) PDW [-]</b>                    |              |       |       |        | 16               |                  |               |                 |                  |       |       |       | 16               | 16               | 100%             |
| Samples and groups                      | [-]          |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 15,8  | 0,160 | 0,99   | 16               |                  |               |                 |                  |       |       |       | 16               | 16               | 100%             |
| (177) Mindray                           |              | 15,8  | 0,150 | 0,92   | 15               | 0                | CVPG          | 15,7            | 0,092            | 15%   | 13,3  | 18,1  | 15               |                  |                  |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 1                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample B</b>                         |              | 15,7  | 0,120 | 0,77   | 16               |                  |               |                 |                  |       |       |       | 16               | 16               | 100%             |
| (177) Mindray                           |              | 15,6  | 0,110 | 0,71   | 15               | 0                | CVPG          | 15,6            | 0,068            | 15%   | 13,2  | 18    | 15               |                  |                  |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 1                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>(160) Neutrophiles</b>               |              |       |       |        | 28               |                  |               |                 |                  |       |       |       | 27               | 26               | 96%              |
| Samples and groups                      | f·10(exp9)/L |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 4,22  | 0,30  | 7,0    | 28               |                  |               |                 |                  |       |       |       | 27               | 26               | 96%              |
| All results (without individual groups) |              | 4,24  | 0,28  | 6,5    | 27               | 0                | CVP           | 4,2             | 0,053            | 25%   | 3,15  | 5,25  | 27               |                  |                  |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 0                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample B</b>                         |              | 3,43  | 0,23  | 6,6    | 28               |                  |               |                 |                  |       |       |       | 27               | 26               | 96%              |
| All results (without individual groups) |              | 3,45  | 0,21  | 6,1    | 27               | 0                | CVP           | 3,36            | 0,042            | 25%   | 2,52  | 4,2   | 27               |                  |                  |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 0                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>(161) Lymphocytes</b>                |              |       |       |        | 29               |                  |               |                 |                  |       |       |       | 28               | 27               | 96%              |
| Samples and groups                      | f·10(exp9)/L |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 1,91  | 0,083 | 4,4    | 29               |                  |               |                 |                  |       |       |       | 28               | 27               | 96%              |
| All results (without individual groups) |              | 1,90  | 0,076 | 4,0    | 28               | 0                | CVP           | 1,93            | 0,021            | 25%   | 1,44  | 2,42  | 28               |                  |                  |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 0                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample B</b>                         |              | 2,27  | 0,13  | 5,7    | 29               |                  |               |                 |                  |       |       |       | 28               | 28               | 100%             |
| All results (without individual groups) |              | 2,27  | 0,12  | 5,5    | 28               | 0                | CVP           | 2,29            | 0,028            | 25%   | 1,71  | 2,87  | 28               |                  |                  |
| Other                                   |              |       |       |        | 1                | 0                |               |                 |                  |       |       |       | 0                |                  |                  |
|   |              |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>(162) Monocytes</b>                  |              |       |       |        | 28               |                  |               |                 |                  |       |       |       | 28               | 26               | 93%              |
| Samples and groups                      | f·10(exp9)/L |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 0,381 | 0,075 | 20     | 28               |                  | CVP           | 0,408           | 0,016            | 50%   | 0,204 | 0,612 | 28               | 26               | 93%              |
| All results                             |              | 0,381 | 0,075 | 20     | 28               | 0                |               |                 |                  |       |       |       | 28               |                  |                  |
| <b>Sample B</b>                         |              | 0,552 | 0,09  | 16     | 28               |                  | CVP           | 0,582           | 0,021            | 50%   | 0,291 | 0,873 | 28               | 27               | 96%              |
| All results                             |              | 0,552 | 0,09  | 16     | 28               | 0                |               |                 |                  |       |       |       | 28               |                  |                  |
| <b>(163) Eosinophils</b>                |              |       |       |        | 28               |                  |               |                 |                  |       |       |       | 28               | 27               | 96%              |
| Samples and groups                      | f·10(exp9)/L |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 0,095 | 0,014 | 14     | 28               |                  | CVP           | 0,097           | ,0038            | asym. | 0     | 0,199 | 28               | 27               | 96%              |
| All results                             |              | 0,095 | 0,014 | 14     | 28               | 0                |               |                 |                  |       |       |       | 28               |                  |                  |
| <b>Sample B</b>                         |              | 0,097 | 0,019 | 20     | 28               |                  | CVP           | 0,092           | ,0037            | asym. | 0     | 0,19  | 28               | 28               | 100%             |
| All results                             |              | 0,097 | 0,019 | 20     | 28               | 0                |               |                 |                  |       |       |       | 28               |                  |                  |
| <b>(164) Basophiles</b>                 |              |       |       |        | 28               |                  |               |                 |                  |       |       |       | 28               | 26               | 93%              |
| Samples and groups                      | f·10(exp9)/L |       |       |        |                  |                  |               |                 |                  |       |       |       |                  |                  |                  |
| <b>Sample A</b>                         |              | 0,042 | 0,027 | 65     | 28               |                  | CVP           | 0,055           | ,0082            | asym. | 0     | 0,199 | 28               | 26               | 93%              |
| All results                             |              | 0,042 | 0,027 | 65     | 28               | 0                |               |                 |                  |       |       |       | 28               |                  |                  |
| <b>Sample B</b>                         |              | 0,031 | 0,02  | 64     | 28               |                  | CVP           | 0,046           | ,0069            | asym. | 0     | 0,19  | 28               | 28               | 100%             |
| All results                             |              | 0,031 | 0,02  | 64     | 28               | 0                |               |                 |                  |       |       |       | 28               |                  |                  |