

Cyklus EHK: HS2/23 - Hemokoagulace speciální

Stop termín: 17.11.2023

Nastavení: skupiny - P (výrobce přístroje); minimální četnost skupin n = 5

RoM = robustní průměr

SD = směrodatná odchylka

CV = variační koeficient

N_{tot} = celkový počet výsledkůN_{out} = počet výsledků vyloučených před výpočtem

AV = vztažná hodnota

CVP = konsenzus všech účastníků

U_{AV} = rozšířená nejistota vztažné hodnoty (k = 2)D_{max} = přijatelný rozdíl

LL = dolní mez

UL = horní mez

N_{eva} = počet hodnocených výsledkůN_{suc} = počet úspěšných výsledkůS_{rel} = relativní úspěšnost

| Zkouška Vzorek Skupina | [jednotka] | RoM | SD | CV [%] | N _{tot} | N _{out} | Srovnatelnost | | | | | N _{eva} | N _{suc} | S _{rel} [%] | |
|--------------------------------------|------------|------|------|-----------|------------------|------------------|---------------|---------------------------------------|------------------|-----|------|------------------|------------------|-------------------------|-----|
| | | | | | | | AV | U _{AV} | D _{max} | LL | UL | | | | |
| Sada 1 | | | | | | | | | | | | | | | |
| (479) Faktor VIII | [%] | | | | 99 | | | | | | | 99 | 96 | 97 | |
| Vzorek A1 | | 127 | 13 | 10 | 99 | | CVP | 127 | 3,1 | 25% | 95,2 | 159 | 99 | 96 | 97 |
| (38) IL | | 117 | 11 | 9 | 17 | 0 | | | | | | | 17 | | |
| (63) Sysmex | | 130 | 13 | 10 | 57 | 0 | | | | | | | 57 | | |
| (94) Stago | | 130 | 13 | 9,7 | 8 | 0 | | | | | | | 8 | | |
| (149) Siemens (Dade, BN, Dimension) | | 124 | 7,9 | 6,4 | 5 | 0 | | | | | | | 5 | | |
| (179) Siemens | | 129 | 20 | 16 | 6 | 0 | | | | | | | 6 | | |
| Ostatní | | | | | 6 | 0 | | | | | | | 6 | | |
| | | | | | | | | 1x 12, 1x 162, 1x 175, 2x 177, 1x 999 | | | | | | | |
| (480) von Willebrandův f. (aktivita) | [%] | | | | 28 | | | | | | | 28 | 25 | 89 | |
| Vzorek A1 | | 104 | 9,1 | 8,8 | 28 | | CVP | 104 | 4,2 | 25% | 78 | 130 | 28 | 25 | 89 |
| (38) IL | | 101 | 9 | 8,9 | 7 | 0 | | | | | | | 7 | | |
| (63) Sysmex | | 104 | 11 | 10 | 13 | 0 | | | | | | | 13 | | |
| Ostatní | | | | | 8 | 0 | | | | | | | 8 | | |
| | | | | | | | | 1x 0, 2x 94, 3x 149, 1x 162, 1x 179 | | | | | | | |
| (481) von Willebrandův f. (antigen) | [%] | | | | 27 | | | | | | | 27 | 25 | 93 | |
| Vzorek A1 | | 120 | 10 | 8,6 | 27 | | CVP | 120 | 4,9 | 20% | 96 | 144 | 27 | 25 | 93 |
| (38) IL | | 126 | 6,7 | 5,3 | 7 | 0 | | | | | | | 7 | | |
| (63) Sysmex | | 120 | 7,9 | 6,6 | 11 | 0 | | | | | | | 11 | | |
| Ostatní | | | | | 9 | 0 | | | | | | | 9 | | |
| | | | | | | | | 1x 0, 1x 15, 3x 94, 2x 149, 2x 179 | | | | | | | |
| Sada 2 | | | | | | | | | | | | | | | |
| (482) Faktor IX | [%] | | | | 42 | | | | | | | 42 | 40 | 95 | |
| Vzorek A2 | | 7,32 | 1,2 | 16 | 42 | | CVP | 7,32 | 0,45 | 32% | 4,97 | 9,67 | 42 | 40 | 95 |
| (38) IL | | 7,65 | 0,85 | 11 | 10 | 0 | | | | | | | 10 | | |
| (63) Sysmex | | 7,32 | 0,79 | 11 | 20 | 0 | | | | | | | 20 | | |
| (94) Stago | | 6,65 | 2 | 30 | 5 | 0 | | | | | | | 5 | | |
| Ostatní | | | | | 7 | 0 | | | | | | | 7 | | |
| | | | | | | | | 1x 12, 2x 149, 1x 162, 3x 179 | | | | | | | |
| (483) Faktor XI | [%] | | | | 30 | | | | | | | 30 | 29 | 97 | |
| Vzorek A2 | | 99,8 | 5,7 | 5,7 | 30 | | CVP | 99,8 | 2,6 | 25% | 74,8 | 125 | 30 | 29 | 97 |
| (38) IL | | 101 | 6,2 | 6,2 | 8 | 0 | | | | | | | 8 | | |
| (63) Sysmex | | 98,1 | 5,4 | 5,5 | 12 | 0 | | | | | | | 12 | | |
| Ostatní | | | | | 10 | 0 | | | | | | | 10 | | |
| | | | | | | | | 1x 12, 4x 94, 2x 149, 3x 179 | | | | | | | |
| (484) Faktor XII | [%] | | | | 36 | | | | | | | 36 | 36 | 100 | |
| Vzorek A2 | | 99,2 | 7,8 | 7,9 | 36 | | CVP | 99,2 | 3,2 | 25% | 74,4 | 124 | 36 | 36 | 100 |
| (38) IL | | 101 | 10 | 10 | 8 | 0 | | | | | | | 8 | | |
| (63) Sysmex | | 96,9 | 5,4 | 5,6 | 17 | 0 | | | | | | | 17 | | |
| (94) Stago | | 106 | 2,2 | 2,1 | 5 | 0 | | | | | | | 5 | | |
| Ostatní | | | | | 6 | 0 | | | | | | | 6 | | |
| | | | | | | | | 1x 12, 2x 149, 3x 179 | | | | | | | |
| Sada 3 | | | | | | | | | | | | | | | |
| (485) Protein C | [%] | | | | 83 | | | | | | | 83 | 81 | 98 | |
| Vzorek A3 | | 98,2 | 4,7 | 4,8 | 83 | | CVP | 98,2 | 1,3 | 20% | 78,5 | 118 | 83 | 81 | 98 |
| (38) IL | | 97,6 | 3,8 | 3,9 | 18 | 0 | | | | | | | 18 | | |
| (63) Sysmex | | 97,9 | 4,5 | 4,6 | 44 | 0 | | | | | | | 44 | | |
| (94) Stago | | 102 | 9,6 | 9,5 | 7 | 0 | | | | | | | 7 | | |
| (149) Siemens (Dade, BN, Dimension) | | 103 | 5,2 | 5,1 | 6 | 0 | | | | | | | 6 | | |
| (179) Siemens | | 95,3 | 4,4 | 4,6 | 5 | 0 | | | | | | | 5 | | |
| Ostatní | | | | | 3 | 0 | | | | | | | 3 | | |
| | | | | | | | | 1x 12, 1x 175, 1x 999 | | | | | | | |
| (486) Protein S | [%] | | | | 77 | | | | | | | 77 | 73 | 95 | |
| Vzorek A3 | | 83,2 | 9,6 | 12 | 77 | | CVP | 83,2 | 2,7 | 30% | 58,2 | 109 | 77 | 73 | 95 |
| (38) IL | | 81,5 | 4 | 4,9 | 16 | 0 | | | | | | | 16 | | |
| (63) Sysmex | | 84,3 | 10 | 12 | 39 | 0 | | | | | | | 39 | | |
| (94) Stago | | 80,5 | 9,6 | 12 | 7 | 0 | | | | | | | 7 | | |
| (149) Siemens (Dade, BN, Dimension) | | 85,1 | 19 | 23 | 7 | 0 | | | | | | | 7 | | |
| (179) Siemens | | 86,6 | 6,4 | 7,5 | 5 | 0 | | | | | | | 5 | | |
| Ostatní | | | | | 3 | 0 | | | | | | | 3 | | |
| | | | | | | | | 1x 12, 1x 175, 1x 999 | | | | | | | |

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Nastavení: skupiny - P (výrobce přístroje); minimální četnost skupin n = 5

| Zkouška Vzorek Skupina | [jednotka] | RoM | SD | CV [%] | N _{tot} | N _{out} | Srovnatelnost | | | | | N _{eva} | N _{suc} | S _{rel} [%] | |
|---|------------|-------|-------|-----------|------------------|------------------|---------------|-----------------|------------------|-----|-------|------------------|------------------|-------------------------|-----|
| | | | | | | | AV | U _{AV} | D _{max} | LL | UL | | | | |
| (487) ProC Global (norm. poměr) | [-] | | | | 27 | | | | | | | 27 | 27 | 100 | |
| Vzorek A3 | | 0,466 | 0,047 | 10 | 27 | | CVP | 0,466 | 0,022 | 25% | 0,349 | 0,583 | 27 | 27 | 100 |
| (63) Sysmex | | 0,458 | 0,036 | 7,9 | 15 | 0 | | | | | | | 15 | | |
| Ostatní | | | | | 12 | 0 | | | | | | | 12 | | |
| 1x 12, 1x 38, 4x 94, 3x 149, 1x 162, 2x 179 | | | | | | | | | | | | | | | |
| Sada 4 | | | | | | | | | | | | | | | |
| (491) Faktor II | [%] | | | | 32 | | | | | | | 32 | 32 | 100 | |
| Vzorek A4 | | 56,9 | 4,8 | 8,4 | 32 | | CVP | 56,9 | 2,1 | 25% | 42,6 | 71,2 | 32 | 32 | 100 |
| (38) IL | | 53,6 | 2,4 | 4,4 | 7 | 0 | | | | | | | 7 | | |
| (63) Sysmex | | 59,5 | 3,6 | 6,1 | 15 | 0 | | | | | | | 15 | | |
| Ostatní | | | | | 10 | 0 | | | | | | | 10 | | |
| 1x 12, 4x 94, 2x 149, 1x 175, 2x 179 | | | | | | | | | | | | | | | |
| (492) Faktor V | [%] | | | | 33 | | | | | | | 33 | 32 | 97 | |
| Vzorek A4 | | 42,5 | 3,9 | 9,2 | 33 | | CVP | 42,5 | 1,7 | 25% | 31,8 | 53,2 | 33 | 32 | 97 |
| (38) IL | | 38,8 | 2,6 | 6,7 | 7 | 0 | | | | | | | 7 | | |
| (63) Sysmex | | 44,2 | 3,1 | 7 | 16 | 0 | | | | | | | 16 | | |
| Ostatní | | | | | 10 | 0 | | | | | | | 10 | | |
| 1x 12, 4x 94, 2x 149, 1x 175, 2x 179 | | | | | | | | | | | | | | | |
| (493) Faktor VII | [%] | | | | 37 | | | | | | | 37 | 37 | 100 | |
| Vzorek A4 | | 49,7 | 3,8 | 7,6 | 37 | | CVP | 49,7 | 1,5 | 25% | 37,2 | 62,2 | 37 | 37 | 100 |
| (38) IL | | 45,8 | 3,9 | 8,6 | 7 | 0 | | | | | | | 7 | | |
| (63) Sysmex | | 51,6 | 3,9 | 7,6 | 20 | 0 | | | | | | | 20 | | |
| Ostatní | | | | | 10 | 0 | | | | | | | 10 | | |
| 1x 12, 4x 94, 2x 149, 1x 175, 2x 179 | | | | | | | | | | | | | | | |
| (494) Faktor X | [%] | | | | 32 | | | | | | | 32 | 32 | 100 | |
| Vzorek A4 | | 52,3 | 2,8 | 5,4 | 32 | | CVP | 52,3 | 1,2 | 25% | 39,2 | 65,4 | 32 | 32 | 100 |
| (38) IL | | 51,4 | 2 | 3,9 | 7 | 0 | | | | | | | 7 | | |
| (63) Sysmex | | 52,8 | 2,5 | 4,7 | 15 | 0 | | | | | | | 15 | | |
| Ostatní | | | | | 10 | 0 | | | | | | | 10 | | |
| 1x 12, 4x 94, 2x 149, 1x 175, 2x 179 | | | | | | | | | | | | | | | |