

## Souhrnná statistika - kvantitativní výsledky

(Skupiny: princip měření)

Filtr: minimální četnost skupin n = 5

## Cyklus EHK: AKS4/22 - Analyty krevního séra

Stop termín: 14.10.2022

|   |   |                                       |
|---|---|---------------------------------------|
| RoM = robustní průměr                           | AV = vztažná hodnota  | Dmax = přijatelný rozdíl v procentech |
| SD = směrodatná odchylka                        | CRV = certifikovaná referenční hodnota                        | LL = dolní mez                        |
| CV = variační koeficient                        | RV = referenční hodnota                                       | UL = horní mez                        |
| Ntot = celkový počet účastníků                  | CVE = konsenzus expertů                                       | Neva = počet hodnocených účastníků    |
| Nout = počet výsledků vyloučených před výpočtem | CVP = konsenzus všech účastníků                               | Nsuc = počet úspěšných účastníků      |
|   | CVPG = konsenzus skupin účastníků                             | Srel = relativní úspěšnost            |
|   | U <sub>AV</sub> = rozšířená nejistota vztažné hodnoty (k = 2) |                                       |

| zkouška                           | [jednotka] | Srovnatelnost |      |        |                  |                  |       | Návaznost       |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |     |
|-----------------------------------|------------|---------------|------|--------|------------------|------------------|-------|-----------------|------------------|----|-----|------------------|------------------|------------------|-------|-----------------|------------------|------|------|------------------|------------------|------------------|-----|
|                                   |            | 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> | AV    | U <sub>AV</sub> | D <sub>max</sub> | LL   | UL   | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |     |
| <b>(1) Sodný kation</b>           |            |               |      |        | 379              |                  |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 379              | 370              | 98% |
| Vzorky a skupiny                  | [mmol/L]   |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 128           | 1,9  | 1,4    | 379              |                  |       |                 |                  |    |     |                  |                  | CRV              | 128,3 | 1,9             | 5%               | 121  | 135  | 379              | 373              | 98%              |     |
| (2) ISE s ředěním                 |            | 128           | 1,8  | 1,4    | 335              | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 335              |                  |     |
| (3) ISE bez ředění                |            | 129           | 2,1  | 1,6    | 43               | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 43               |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 1                |                  |     |
|                                   |            |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  | 1x 99            |       |                 |                  |      |      |                  |                  |                  |     |
| <b>Vzorek B</b>                   |            | 129           | 1,9  | 1,5    | 379              |                  |       |                 |                  |    |     |                  |                  | CRV              | 130,7 | 2,0             | 5%               | 124  | 138  | 379              | 375              | 99%              |     |
| (2) ISE s ředěním                 |            | 129           | 1,8  | 1,4    | 335              | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 335              |                  |     |
| (3) ISE bez ředění                |            | 130           | 2,6  | 2,0    | 43               | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 43               |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 1                |                  |     |
|                                   |            |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  | 1x 99            |       |                 |                  |      |      |                  |                  |                  |     |
| <b>(2) Draselný kation</b>        |            |               |      |        | 379              |                  |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 379              | 373              | 98% |
| Vzorky a skupiny                  | [mmol/L]   |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 3,39          | 0,05 | 1,7    | 379              |                  |       |                 |                  |    |     |                  |                  | CRV              | 3,353 | 0,050           | 7%               | 3,11 | 3,59 | 379              | 373              | 98%              |     |
| (2) ISE s ředěním                 |            | 3,39          | 0,05 | 1,6    | 336              | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 336              |                  |     |
| (3) ISE bez ředění                |            | 3,39          | 0,06 | 1,8    | 42               | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 42               |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 1                |                  |     |
|                                   |            |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  | 1x 99            |       |                 |                  |      |      |                  |                  |                  |     |
| <b>Vzorek B</b>                   |            | 6,31          | 0,11 | 1,8    | 379              |                  |       |                 |                  |    |     |                  |                  | CRV              | 6,28  | 0,100           | 7%               | 5,84 | 6,72 | 379              | 377              | 99%              |     |
| (2) ISE s ředěním                 |            | 6,31          | 0,11 | 1,8    | 336              | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 336              |                  |     |
| (3) ISE bez ředění                |            | 6,31          | 0,13 | 2,0    | 42               | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 42               |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 1                |                  |     |
|                                   |            |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  | 1x 99            |       |                 |                  |      |      |                  |                  |                  |     |
| <b>(3) Chloridový anion</b>       |            |               |      |        | 379              |                  |       |                 |                  |    | 379 | 375              | 99%              |                  |       |                 |                  |      |      |                  | 0                |                  |     |
| Vzorky a skupiny                  | [mmol/L]   |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 112           | 3,0  | 2,7    | 379              |                  | CVP   | 112             | 0,38             | 7% | 104 | 120              |                  | 379              | 376   | 99%             |                  |      |      |                  | 0                |                  |     |
| (3) ISE s ředěním                 |            | 112           | 3,1  | 2,8    | 338              | 0                |       |                 |                  |    |     |                  |                  | 338              |       |                 |                  |      |      |                  |                  |                  |     |
| (4) ISE bez ředění                |            | 111           | 2,2  | 2,0    | 40               | 0                |       |                 |                  |    |     |                  |                  | 40               |       |                 |                  |      |      |                  |                  |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |       |                 |                  |    |     |                  |                  | 1                |       |                 |                  |      |      |                  |                  |                  |     |
|                                   |            |               |      |        |                  |                  | 1x 99 |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |     |
| <b>Vzorek B</b>                   |            | 115           | 3,4  | 2,9    | 379              |                  | CVP   | 115             | 0,43             | 7% | 106 | 124              |                  | 379              | 377   | 99%             |                  |      |      |                  | 0                |                  |     |
| (3) ISE s ředěním                 |            | 115           | 3,5  | 3,0    | 338              | 0                |       |                 |                  |    |     |                  |                  | 338              |       |                 |                  |      |      |                  |                  |                  |     |
| (4) ISE bez ředění                |            | 115           | 2,8  | 2,4    | 40               | 0                |       |                 |                  |    |     |                  |                  | 40               |       |                 |                  |      |      |                  |                  |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |       |                 |                  |    |     |                  |                  | 1                |       |                 |                  |      |      |                  |                  |                  |     |
|                                   |            |               |      |        |                  |                  | 1x 99 |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |     |
| <b>(4) Vápník celkový</b>         |            |               |      |        | 357              |                  |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 357              | 352              | 99% |
| Vzorky a skupiny                  | [mmol/L]   |               |      |        |                  |                  |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 2,90          | 0,06 | 2,3    | 357              |                  |       |                 |                  |    |     |                  |                  | CRV              | 2,926 | 0,047           | 8%               | 2,69 | 3,17 | 357              | 355              | 99%              |     |
| (2) Fotomet. s o-kresolftalexonem |            | 2,91          | 0,08 | 2,8    | 30               | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 30               |                  |     |
| (3) Fotomet. s arsenazo III       |            | 2,89          | 0,07 | 2,4    | 205              | 0                |       |                 |                  |    |     |                  |                  |                  |       |                 |                  |      |      |                  | 205              |                  |     |

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| Zkouška                           | [jednotka] | Srovnatelnost |      |        |                  |                  | Ná vaznost |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
|-----------------------------------|------------|---------------|------|--------|------------------|------------------|------------|-----------------|------------------|-------|------|------------------|------------------|------------------|-------|-----------------|------------------|-------|----|------------------|------------------|------------------|-----|
|                                   |            | 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> | AV    | U <sub>AV</sub> | D <sub>max</sub> | LL    | UL | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |     |
| <b>(4) Vápník celkový</b>         |            |               |      |        | 357              |                  |            |                 |                  |       |      | 0                |                  |                  |       |                 |                  |       |    |                  | 357              | 352              | 99% |
| Vzorky a skupiny                  | [mmol/L]   |               |      |        |                  |                  |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 2,90          | 0,06 | 2,3    | 357              |                  |            |                 |                  |       |      | 0                | CRV              | 2,926            | 0,047 | 8%              | 2,69             | 3,17  |    | 357              | 355              | 99%              |     |
| (4) Fotomet. s NM-BAPTA           |            | 2,92          | 0,05 | 1,8    | 121              | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  | 121              |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 1                |     |
| <b>Vzorek B</b>                   |            | 2,77          | 0,06 | 2,4    | 357              |                  |            |                 |                  |       |      | 0                | 1x 99<br>CRV     | 2,795            | 0,046 | 8%              | 2,57             | 3,02  |    | 357              | 353              | 99%              |     |
| (2) Fotomet. s o-kresolftalexonem |            | 2,75          | 0,08 | 3,2    | 30               | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  | 30               |                  |     |
| (3) Fotomet. s arsenazo III       |            | 2,77          | 0,06 | 2,4    | 205              | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  | 205              |                  |     |
| (4) Fotomet. s NM-BAPTA           |            | 2,78          | 0,05 | 2,1    | 121              | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  | 121              |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 1                |     |
|                                   |            |               |      |        |                  |                  |            |                 |                  |       |      |                  | 1x 99            |                  |       |                 |                  |       |    |                  |                  |                  |     |
| <b>(5) Fosfáty anorganické</b>    |            |               |      |        | 346              |                  |            |                 |                  |       |      | 346              | 337              | 97%              |       |                 |                  |       |    |                  |                  | 0                |     |
| Vzorky a skupiny                  | [mmol/L]   |               |      |        |                  |                  |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 1,03          | 0,03 | 3,4    | 346              | CVP              | 1,03       | ,0046           | 10%              | 0,927 | 1,14 | 346              | 337              | 97%              |       |                 |                  |       |    |                  |                  | 0                |     |
| (1) UV-molybdátová metoda         |            | 1,03          | 0,03 | 3,4    | 337              | 0                |            |                 |                  |       |      | 337              |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| (3) Molybdát-vanadátová metoda    |            | 1,03          | 0,03 | 2,9    | 5                | 0                |            |                 |                  |       |      | 5                |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| Ostatní                           |            |               |      |        | 4                | 0                |            |                 |                  |       |      | 4                |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| <b>Vzorek B</b>                   |            | 1,83          | 0,05 | 2,9    | 346              | 4x 2<br>CVP      | 1,83       | ,0071           | 10%              | 1,64  | 2,02 | 346              | 343              | 99%              |       |                 |                  |       |    |                  |                  | 0                |     |
| (1) UV-molybdátová metoda         |            | 1,83          | 0,05 | 2,9    | 337              | 0                |            |                 |                  |       |      | 337              |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| (3) Molybdát-vanadátová metoda    |            | 1,84          | 0,08 | 4,4    | 5                | 0                |            |                 |                  |       |      | 5                |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| Ostatní                           |            |               |      |        | 4                | 0                |            |                 |                  |       |      | 4                |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
|                                   |            |               |      |        |                  |                  |            |                 |                  |       |      |                  |                  | 4x 2             |       |                 |                  |       |    |                  |                  |                  |     |
| <b>(6) Železo celkové</b>         |            |               |      |        | 329              |                  |            |                 |                  |       |      | 329              | 328              | 100%             |       |                 |                  |       |    |                  |                  | 0                |     |
| Vzorky a skupiny                  | [μmol/L]   |               |      |        |                  |                  |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 41,1          | 1,0  | 2,4    | 329              | CVP              | 41,1       | 0,13            | 15%              | 34,9  | 47,3 | 329              | 328              | 100%             |       |                 |                  |       |    |                  |                  | 0                |     |
| (2) Metoda s ferrozinem/ferenem   |            | 41,2          | 0,98 | 2,4    | 278              | 0                |            |                 |                  |       |      | 278              |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| (4) Metoda s TPTZ                 |            | 40,8          | 1,0  | 2,5    | 50               | 0                |            |                 |                  |       |      | 50               |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |            |                 |                  |       |      | 1                |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| <b>Vzorek B</b>                   |            | 37,7          | 1,1  | 2,8    | 329              | 1x 99<br>CVP     | 37,7       | 0,14            | 15%              | 32    | 43,4 | 329              | 328              | 100%             |       |                 |                  |       |    |                  |                  | 0                |     |
| (2) Metoda s ferrozinem/ferenem   |            | 37,8          | 1,1  | 2,9    | 278              | 0                |            |                 |                  |       |      | 278              |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| (4) Metoda s TPTZ                 |            | 37,1          | 0,88 | 2,4    | 50               | 0                |            |                 |                  |       |      | 50               |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| Ostatní                           |            |               |      |        | 1                | 0                |            |                 |                  |       |      | 1                |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
|                                   |            |               |      |        |                  |                  |            |                 |                  |       |      |                  |                  | 1x 99            |       |                 |                  |       |    |                  |                  |                  |     |
| <b>(7) Hořčík celkový</b>         |            |               |      |        | 340              |                  |            |                 |                  |       |      | 0                |                  |                  |       |                 |                  |       |    |                  | 340              | 329              | 97% |
| Vzorky a skupiny                  | [mmol/L]   |               |      |        |                  |                  |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  |                  |     |
| <b>Vzorek A</b>                   |            | 0,815         | 0,02 | 3,6    | 340              |                  |            |                 |                  |       |      | 0                | CRV              | 0,783            | 0,012 | 15%             | 0,665            | 0,901 |    | 340              | 337              | 99%              |     |
| (2) Fotometrie                    |            | 0,820         | 0,02 | 3,4    | 263              | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 263              |     |
| (4) UV enzymová metoda            |            | 0,797         | 0,02 | 3,3    | 76               | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 76               |     |
| Ostatní                           |            |               |      |        | 1                | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 1                |     |
| <b>Vzorek B</b>                   |            | 0,520         | 0,03 | 5,8    | 340              |                  |            |                 |                  |       |      | 0                | 1x 99<br>CRV     | 0,488            | 0,011 | asym.           | 0,414            | 0,591 |    | 340              | 331              | 97%              |     |
| (2) Fotometrie                    |            | 0,527         | 0,02 | 5,2    | 263              | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 263              |     |
| (4) UV enzymová metoda            |            | 0,494         | 0,02 | 4,4    | 76               | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 76               |     |
| Ostatní                           |            |               |      |        | 1                | 0                |            |                 |                  |       |      |                  |                  |                  |       |                 |                  |       |    |                  |                  | 1                |     |
|                                   |            |               |      |        |                  |                  |            |                 |                  |       |      |                  |                  | 1x 99            |       |                 |                  |       |    |                  |                  |                  |     |

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| Zkouška                          | [jednotka] | Srovnatelnost |      |        |                  |                  | Návaznost |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
|----------------------------------|------------|---------------|------|--------|------------------|------------------|-----------|-----------------|------------------|------|------|------------------|------------------|------------------|-------|-----------------|------------------|------|-----|------------------|------------------|------------------|
|                                  |            | 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> | AV    | U <sub>AV</sub> | D <sub>max</sub> | LL   | UL  | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |
| <b>(8) Lithium</b>               |            |               |      |        | 45               |                  |           |                 |                  |      |      | 0                |                  |                  |       |                 |                  |      |     | 45               | 38               | 84%              |
| Vzorky a skupiny                 | [mmol/L]   |               |      |        |                  |                  |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek A</b>                  |            | 1,45          | 0,06 | 4,7    | 45               |                  |           |                 |                  |      |      | 0                | CRV              | 1,489            | 0,022 | 12%             | 1,31             | 1,67 | 45  | 43               | 96%              |                  |
| (2) AAS                          |            | 1,48          | 0,12 | 8,1    | 5                | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 5                |                  |                  |
| (3) ISE                          |            | 1,48          | 0,04 | 3,1    | 12               | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 12               |                  |                  |
| (4) Fotometrie                   |            | 1,43          | 0,05 | 3,6    | 24               | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 24               |                  |                  |
| Ostatní                          |            |               |      |        | 4                | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 4                |                  |                  |
| <b>Vzorek B</b>                  |            | 1,01          | 0,06 | 6,2    | 45               |                  |           |                 |                  |      |      | 0                | CRV              | 1,063            | 0,016 | 12%             | 0,935            | 1,2  | 45  | 38               | 84%              |                  |
| (2) AAS                          |            | 1,01          | 0,12 | 12     | 5                | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 5                |                  |                  |
| (3) ISE                          |            | 1,04          | 0,02 | 2,4    | 12               | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 12               |                  |                  |
| (4) Fotometrie                   |            | 0,994         | 0,06 | 6,4    | 24               | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 24               |                  |                  |
| Ostatní                          |            |               |      |        | 4                | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 4                |                  |                  |
|                                  |            |               |      |        |                  |                  |           |                 |                  |      |      |                  | 4x1              |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>(9) Celková bílkovina</b>     |            |               |      |        | 365              |                  |           |                 |                  |      |      | 0                |                  |                  |       |                 |                  |      |     | 365              | 359              | 98%              |
| Vzorky a skupiny                 | [g/L]      |               |      |        |                  |                  |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek A</b>                  |            | 71,0          | 1,7  | 2,4    | 365              |                  |           |                 |                  |      |      | 0                | CRV              | 72,1             | 1,7   | 9%              | 65,6             | 78,6 | 365 | 362              | 99%              |                  |
| (1) Biuret                       |            | 71,0          | 1,7  | 2,4    | 365              | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 365              |                  |                  |
| <b>Vzorek B</b>                  |            | 87,5          | 2,3  | 2,6    | 365              |                  |           |                 |                  |      |      | 0                | CRV              | 88,4             | 2,0   | 9%              | 80,4             | 96,4 | 365 | 361              | 99%              |                  |
| (1) Biuret                       |            | 87,5          | 2,3  | 2,6    | 365              | 0                |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     | 365              |                  |                  |
| <b>(10) Albumin</b>              |            |               |      |        | 362              |                  |           |                 |                  |      |      | 362              | 356              | 98%              |       |                 |                  |      |     | 0                |                  |                  |
| Vzorky a skupiny                 | [g/L]      |               |      |        |                  |                  |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek A</b>                  |            | 45,2          | 1,6  | 3,5    | 362              | CVP              | 45,2      | 0,21            | 10%              | 40,6 | 49,8 | 362              | 359              | 99%              |       |                 |                  |      |     | 0                |                  |                  |
| (1) BCG                          |            | 45,3          | 1,5  | 3,3    | 338              | 0                |           |                 |                  |      |      | 338              |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| (2) BCP                          |            | 43,2          | 1,7  | 4,0    | 24               | 0                |           |                 |                  |      |      | 24               |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek B</b>                  |            | 55,5          | 2,0  | 3,6    | 362              | CVP              | 55,5      | 0,26            | 10%              | 49,9 | 61,1 | 362              | 357              | 99%              |       |                 |                  |      |     | 0                |                  |                  |
| (1) BCG                          |            | 55,6          | 1,9  | 3,4    | 338              | 0                |           |                 |                  |      |      | 338              |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| (2) BCP                          |            | 53,8          | 1,9  | 3,5    | 24               | 0                |           |                 |                  |      |      | 24               |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>(11) Osmolalita</b>           |            |               |      |        | 137              |                  |           |                 |                  |      |      | 137              | 135              | 99%              |       |                 |                  |      |     | 0                |                  |                  |
| Vzorky a skupiny                 | [mmol/kg]  |               |      |        |                  |                  |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek A</b>                  |            | 299           | 5,3  | 1,8    | 137              | CVP              | 299       | 1,1             | 5%               | 284  | 314  | 137              | 136              | 99%              |       |                 |                  |      |     | 0                |                  |                  |
| (1) Osmometr                     |            | 300           | 5,3  | 1,8    | 135              | 0                |           |                 |                  |      |      | 135              |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| Ostatní                          |            |               |      |        | 2                | 0                |           |                 |                  |      |      | 2                |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek B</b>                  |            | 291           | 6,3  | 2,2    | 137              | CVP              | 291       | 1,3             | 5%               | 276  | 306  | 137              | 135              | 99%              |       |                 |                  |      |     | 0                |                  |                  |
| (1) Osmometr                     |            | 291           | 6,2  | 2,1    | 135              | 0                |           |                 |                  |      |      | 135              |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| Ostatní                          |            |               |      |        | 2                | 0                |           |                 |                  |      |      | 2                |                  |                  |       |                 |                  |      |     |                  |                  |                  |
|                                  |            |               |      |        |                  |                  |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
|                                  |            |               |      |        |                  |                  |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>(12) Laktát</b>               |            |               |      |        | 164              |                  |           |                 |                  |      |      | 164              | 159              | 97%              |       |                 |                  |      |     | 0                |                  |                  |
| Vzorky a skupiny                 | [mmol/L]   |               |      |        |                  |                  |           |                 |                  |      |      |                  |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek A</b>                  |            | 2,00          | 0,08 | 4,5    | 164              | CVP              | 2,0       | 0,017           | 15%              | 1,7  | 2,3  | 164              | 160              | 98%              |       |                 |                  |      |     | 0                |                  |                  |
| (1) UV enzymová metoda           |            | 2,00          | 0,07 | 3,6    | 65               | 0                |           |                 |                  |      |      | 65               |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| (2) Enzymové elektrody           |            | 2,14          | 0,20 | 9,4    | 10               | 0                |           |                 |                  |      |      | 10               |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| (3) Fotometrická enzymová metoda |            | 2,00          | 0,09 | 4,7    | 89               | 0                |           |                 |                  |      |      | 89               |                  |                  |       |                 |                  |      |     |                  |                  |                  |
| <b>Vzorek B</b>                  |            | 2,01          | 0,09 | 4,8    | 164              | CVP              | 2,01      | 0,019           | 15%              | 1,7  | 2,32 | 164              | 160              | 98%              |       |                 |                  |      |     | 0                |                  |                  |
| (1) UV enzymová metoda           |            | 2,01          | 0,08 | 4,2    | 65               | 0                |           |                 |                  |      |      | 65               |                  |                  |       |                 |                  |      |     |                  |                  |                  |

## Souhrnná statistika - kvantitativní výsledky

(Skupiny: princip měření)

Filtr: minimální četnost skupin n = 5

## Cyklus EHK: AKS4/22 - Analyty krevního séra

Stop termín: 14.10.2022

| Zkouška   | [jednotka] | Srovnatelnost |      |        |                  |                  | Návaznost |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
|---|------------|---------------|------|--------|------------------|------------------|-----------|-----------------|------------------|-----|------|------------------|------------------|------------------|--------------|-----------------|------------------|-------|-------|------------------|------------------|------------------|------|------|
|   |            | 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> | AV           | U <sub>AV</sub> | D <sub>max</sub> | LL    | UL    | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |      |      |
| <b>(12) Laktát</b>  | [mmol/L]   |               |      |        | 164              |                  |           |                 |                  |     |      | 164              | 159              | 97%              |              |                 |                  |       |       |                  | 0                |                  |      |      |
| Vzorky a skupiny  |            |               |      |        |                  |                  |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>Vzorek B</b>   |            | 2,01          | 0,09 | 4,8    | 164              | CVP              | 2,01      | 0,019           | 15%              | 1,7 | 2,32 | 164              | 160              | 98%              |              |                 |                  |       |       |                  | 0                |                  |      |      |
| (2) Enzymové elektrody  |            | 2,18          | 0,21 | 9,8    | 10               | 0                |           |                 |                  |     |      | 10               |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| (3) Fotometrická enzymová metoda                                  |            | 2,00          | 0,09 | 4,9    | 89               | 0                |           |                 |                  |     |      | 89               |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>(13) Bilirubin celkový</b>                                     | [μmol/L]   |               |      |        | 385              |                  |           |                 |                  |     |      |                  |                  | 0                |              |                 |                  |       |       |                  | 385              | 381              | 99%  |      |
| Vzorky a skupiny  |            |               |      |        |                  |                  |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>Vzorek A</b>   |            | 28,4          | 2,6  | 9,0    | 385              |                  |           |                 |                  |     |      |                  |                  | 0                | CRV          | 27,7            | 0,70             | 21%   | 21,8  | 33,6             | 385              | 381              | 99%  |      |
| (1) Jendrassik-Gróf   |            | 28,7          | 2,8  | 9,8    | 47               | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 47               |                  |      |      |
| (2) DCA, DPD  |            | 28,2          | 2,6  | 9,0    | 294              | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 294              |                  |      |      |
| (4) Oxidačně-redukční metody                                      |            | 29,8          | 1,8  | 5,9    | 42               | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 42               |                  |      |      |
| Ostatní   |            |               |      |        | 2                | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 2                |                  |      |      |
| <b>Vzorek B</b>   |            | 51,5          | 3,8  | 7,3    | 385              |                  |           |                 |                  |     |      |                  |                  | 0                | 2x 99<br>CRV | 51,5            | 1,1              | 21%   | 40,6  | 62,4             | 385              | 385              | 100% |      |
| (1) Jendrassik-Gróf   |            | 51,9          | 3,8  | 7,4    | 47               | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 47               |                  |      |      |
| (2) DCA, DPD  |            | 51,1          | 3,7  | 7,2    | 294              | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 294              |                  |      |      |
| (4) Oxidačně-redukční metody                                      |            | 53,7          | 3,0  | 5,6    | 42               | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 42               |                  |      |      |
| Ostatní   |            |               |      |        | 2                | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 2                |                  |      |      |
| <b>(15) Cholesterol</b>   | [mmol/L]   |               |      |        | 373              |                  |           |                 |                  |     |      |                  |                  | 6                | 5            | 83%             |                  |       |       |                  | 367              | 355              | 97%  |      |
| Vzorky a skupiny  |            |               |      |        |                  |                  |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>Vzorek A</b>   |            | 3,89          | 0,11 | 2,8    | 373              |                  |           |                 |                  |     |      |                  |                  | 6                | 5            | 83%             |                  |       |       |                  | 367              | 358              | 98%  |      |
| (1) Enzymová metoda CHOD-PAP                                      |            | 3,89          | 0,11 | 2,7    | 367              | 0                |           |                 |                  |     |      |                  |                  |                  |              | CRV             | 3,906            | 0,039 | 9%    | 3,55             | 4,26             | 367              |      |      |
| (1) Enzymová metoda CHOD-PAP; (149) Siemens (Dade, BN, Dimension) |            | 3,58          | 0,19 | 5,2    | 6                | 0                | CVPG      | 3,58            | 0,26             | 7%  | 3,32 | 3,84             | 6                |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>Vzorek B</b>   |            | 5,00          | 0,14 | 2,8    | 373              |                  |           |                 |                  |     |      |                  |                  | 6                | 6            | 100%            |                  |       |       |                  | 367              | 361              | 98%  |      |
| (1) Enzymová metoda CHOD-PAP                                      |            | 5,01          | 0,14 | 2,8    | 367              | 0                |           |                 |                  |     |      |                  |                  |                  |              | CRV             | 5,087            | 0,051 | 9%    | 4,62             | 5,55             | 367              |      |      |
| (1) Enzymová metoda CHOD-PAP; (149) Siemens (Dade, BN, Dimension) |            | 4,65          | 0,09 | 2,1    | 6                | 0                | CVPG      | 4,65            | 0,13             | 7%  | 4,32 | 4,98             | 6                |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>(16) Glukóza</b>   | [mmol/L]   |               |      |        | 388              |                  |           |                 |                  |     |      |                  |                  | 0                |              |                 |                  |       |       |                  | 388              | 386              | 99%  |      |
| Vzorky a skupiny  |            |               |      |        |                  |                  |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>Vzorek A</b>   |            | 3,76          | 0,11 | 3,0    | 388              |                  |           |                 |                  |     |      |                  |                  | 0                |              | CRV             | 3,89             | 0,039 | asym. | 3,46             | 4,21             | 388              | 387  | 100% |
| (1) GOD fotometricky  |            | 3,82          | 0,13 | 3,3    | 70               | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 70               |                  |      |      |
| (3) Metoda s hexokinázou  |            | 3,75          | 0,11 | 2,9    | 316              | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 316              |                  |      |      |
| Ostatní   |            |               |      |        | 2                | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 2                |                  |      |      |
| <b>Vzorek B</b>   |            | 7,57          | 0,19 | 2,5    | 388              |                  |           |                 |                  |     |      |                  |                  | 0                |              | 2x 2<br>CRV     | 7,846            | 0,078 | asym. | 6,98             | 8,48             | 388              | 387  | 100% |
| (1) GOD fotometricky  |            | 7,63          | 0,22 | 2,9    | 70               | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 70               |                  |      |      |
| (3) Metoda s hexokinázou  |            | 7,55          | 0,18 | 2,4    | 316              | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 316              |                  |      |      |
| Ostatní   |            |               |      |        | 2                | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 2                |                  |      |      |
| <b>(17) Kyselina močová</b>                                       | [μmol/L]   |               |      |        | 381              |                  |           |                 |                  |     |      |                  |                  | 0                |              |                 |                  |       |       |                  | 381              | 380              | 100% |      |
| Vzorky a skupiny  |            |               |      |        |                  |                  |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  |                  |                  |      |      |
| <b>Vzorek A</b>   |            | 454           | 12   | 2,5    | 381              |                  |           |                 |                  |     |      |                  |                  | 0                |              | CRV             | 456,3            | 4,6   | 12%   | 401              | 512              | 381              | 380  | 100% |
| (2) Enzymová fotom. met.  |            | 454           | 12   | 2,5    | 381              | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 381              |                  |      |      |
| <b>Vzorek B</b>   |            | 519           | 13   | 2,4    | 381              |                  |           |                 |                  |     |      |                  |                  | 0                |              | CRV             | 514,4            | 5,1   | 12%   | 452              | 577              | 381              | 380  | 100% |
| (2) Enzymová fotom. met.  |            | 519           | 13   | 2,4    | 381              | 0                |           |                 |                  |     |      |                  |                  |                  |              |                 |                  |       |       |                  | 381              |                  |      |      |

## Souhrnná statistika - kvantitativní výsledky

(Skupiny: princip měření)

Filtr: minimální četnost skupin n = 5

## Cyklus EHK: AKS4/22 - Analyty krevního séra

Stop termín: 14.10.2022

| Zkouška  | [jednotka] | Srovnatelnost |      |        |                  |                  | Ná vaznost |                 |                  |     |      |                  |                  |                  |            |                 |                  |      |      |                  |                  |                  |      |
|--|------------|---------------|------|--------|------------------|------------------|------------|-----------------|------------------|-----|------|------------------|------------------|------------------|------------|-----------------|------------------|------|------|------------------|------------------|------------------|------|
|  |            | 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> | AV         | U <sub>AV</sub> | D <sub>max</sub> | LL   | UL   | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |      |
| <b>(18) Močovina</b>                                 | [mmol/L]   |               |      |        | 386              |                  |            |                 |                  |     |      | 0                |                  |                  |            |                 |                  |      |      | 386              | 381              | 99%              |      |
| Vzorky a skupiny                                     |            |               |      |        |                  |                  |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      |      |                  |                  |                  |      |
| <b>Vzorek A</b>                                      |            | 31,1          | 1,1  | 3,7    | 386              |                  |            |                 |                  |     |      | 0                | CRV              | 31,96            | 0,32       | 15%             | 27,1             | 36,8 | 386  | 383              | 99%              |                  |      |
| (1) UV enzymová m. (GMD)                             |            | 31,1          | 1,1  | 3,7    | 384              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 384  |                  |                  |                  |      |
| Ostatní  |            |               |      |        | 2                | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 2    |                  |                  |                  |      |
| <b>Vzorek B</b>                                      |            | 15,6          | 0,60 | 3,8    | 386              |                  |            |                 |                  |     |      | 0                | 2x2<br>CRV       | 15,83            | 0,16       | 15%             | 13,4             | 18,3 | 386  | 383              | 99%              |                  |      |
| (1) UV enzymová m. (GMD)                             |            | 15,6          | 0,60 | 3,8    | 384              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 384  |                  |                  |                  |      |
| Ostatní  |            |               |      |        | 2                | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 2    |                  |                  |                  |      |
|  |            |               |      |        |                  |                  |            |                 |                  |     |      |                  | 2x2              |                  |            |                 |                  |      |      |                  |                  |                  |      |
| <b>(19) Kreatinin</b>                                | [μmol/L]   |               |      |        | 387              |                  |            |                 |                  |     |      | 0                |                  |                  |            |                 |                  |      | 387  | 380              | 98%              |                  |      |
| Vzorky a skupiny                                     |            |               |      |        |                  |                  |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      |      |                  |                  |                  |      |
| <b>Vzorek A</b>                                      |            | 121           | 4,9  | 4,0    | 387              |                  |            |                 |                  |     |      | 0                | CRV              | 119,6            | 1,7        | 13%             | 104              | 136  | 387  | 382              | 99%              |                  |      |
| (1) Jaffé  |            | 123           | 5,6  | 4,6    | 172              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 172  |                  |                  |                  |      |
| (3) Enzymové stanovení                               |            | 120           | 4,0  | 3,4    | 215              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 215  |                  |                  |                  |      |
| <b>Vzorek B</b>                                      |            | 404           | 13   | 3,3    | 387              |                  |            |                 |                  |     |      | 0                | CRV              | 397,6            | 4,0        | 13%             | 345              | 450  | 387  | 385              | 99%              |                  |      |
| (1) Jaffé  |            | 404           | 17   | 4,3    | 172              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 172  |                  |                  |                  |      |
| (3) Enzymové stanovení                               |            | 404           | 10   | 2,6    | 215              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 215  |                  |                  |                  |      |
| <b>(20) Triacylglyceroly</b>                         | [mmol/L]   |               |      |        | 371              |                  |            |                 |                  |     |      | 0                |                  |                  |            |                 |                  |      | 371  | 368              | 99%              |                  |      |
| Vzorky a skupiny                                     |            |               |      |        |                  |                  |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      |      |                  |                  |                  |      |
| <b>Vzorek A</b>                                      |            | 1,80          | 0,06 | 3,4    | 371              |                  |            |                 |                  |     |      | 0                | CRV              | 1,771            | 0,018      | 15%             | 1,5              | 2,04 | 371  | 368              | 99%              |                  |      |
| (1) Fotometrické enzymové stan. (GPO-PAP)            |            | 1,80          | 0,06 | 3,4    | 362              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 362  |                  |                  |                  |      |
| (2) Enzymová UV metoda                               |            | 1,82          | 0,06 | 3,7    | 9                | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 9    |                  |                  |                  |      |
| <b>Vzorek B</b>                                      |            | 1,72          | 0,06 | 3,7    | 371              |                  |            |                 |                  |     |      | 0                | CRV              | 1,72             | 0,017      | 15%             | 1,46             | 1,98 | 371  | 371              | 100%             |                  |      |
| (1) Fotometrické enzymové stan. (GPO-PAP)            |            | 1,72          | 0,06 | 3,7    | 362              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 362  |                  |                  |                  |      |
| (2) Enzymová UV metoda                               |            | 1,71          | 0,05 | 3,0    | 9                | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 9    |                  |                  |                  |      |
| <b>(21) ALP</b>                                      | [μkat/L]   |               |      |        | 378              |                  |            |                 |                  |     |      | 370              | 366              | 99%              |            |                 |                  |      | 378  | 377              | 100%             |                  |      |
| Vzorky a skupiny                                     |            |               |      |        |                  |                  |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      |      |                  |                  |                  |      |
| <b>Vzorek A</b>                                      |            | 3,47          | 0,29 | 8,2    | 378              |                  |            |                 |                  |     |      | 370              | 366              | 99%              | CRV        | 3,62            | 0,100            | 20%  | 2,89 | 4,35             | 378              | 377              | 100% |
| (3) IFCC metoda; (1) Abbott                          |            | 3,63          | 0,14 | 3,8    | 87               | 0                | CVPG       | 3,64            | 0,037            | 15% | 3,09 | 4,19             | 87               |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda                                      |            | 3,47          | 0,29 | 8,2    | 377              | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 377  |                  |                  |                  |      |
| (3) IFCC metoda; (46) Erba Lachema                   |            | 3,67          | 0,17 | 4,7    | 13               | 0                | CVPG       | 3,67            | 0,12             | 15% | 3,11 | 4,23             | 13               |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (49) BioVendor                      |            | 3,44          | 0,24 | 7,1    | 7                | 0                | CVPG       | 3,44            | 0,24             | 15% | 2,92 | 3,96             | 7                |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (58) Beckman Coulter (AU)           |            | 3,81          | 0,23 | 5,9    | 55               | 0                | CVPG       | 3,81            | 0,075            | 15% | 3,23 | 4,39             | 55               |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (60) Roche                          |            | 3,28          | 0,14 | 4,4    | 145              | 0                | CVPG       | 3,28            | 0,029            | 15% | 2,78 | 3,78             | 145              |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (149) Siemens (Dade, BN, Dimension) |            | 3,42          | 0,19 | 5,4    | 8                | 0                | CVPG       | 3,42            | 0,14             | 15% | 2,9  | 3,94             | 8                |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (162) Siemens (Atellica)            |            | 3,23          | 0,11 | 3,5    | 21               | 0                | CVPG       | 3,23            | 0,061            | 15% | 2,74 | 3,72             | 21               |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (177) Mindray                       |            | 3,68          | 0,26 | 7,1    | 11               | 0                | CVPG       | 3,68            | 0,19             | 15% | 3,12 | 4,24             | 11               |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (178) DiaSys                        |            | 3,66          | 0,20 | 5,5    | 6                | 0                | CVPG       | 3,66            | 0,28             | 15% | 3,11 | 4,21             | 6                |                  |            |                 |                  |      |      |                  |                  |                  |      |
| (3) IFCC metoda; (179) Siemens                       |            | 3,27          | 0,22 | 6,7    | 16               | 0                | CVPG       | 3,27            | 0,13             | 15% | 2,77 | 3,77             | 16               |                  |            |                 |                  |      |      |                  |                  |                  |      |
| Ostatní  |            |               |      |        | 1                | 0                |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      | 1    |                  |                  |                  |      |
|  |            |               |      |        |                  |                  |            |                 |                  |     |      |                  |                  |                  |            |                 |                  |      |      |                  |                  |                  |      |
| <b>Vzorek B</b>                                      |            | 3,17          | 0,24 | 7,6    | 378              |                  |            |                 |                  |     |      | 370              | 368              | 99%              | 1x1<br>CRV | 3,373           | 0,094            | 20%  | 2,69 | 4,05             | 378              | 377              | 100% |



## Souhrnná statistika - kvantitativní výsledky

(Skupiny: princip měření)

Filtr: minimální četnost skupin n = 5

## Cyklus EHK: AKS4/22 - Analyty krevního séra

Stop termín: 14.10.2022

| Zkouška                                   | [jednotka] | Srovnatelnost |      |        |                  |                  | Návaznost |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |
|---|------------|---------------|------|--------|------------------|------------------|-----------|-----------------|------------------|-----|-------|------------------|------------------|------------------|-------|-----------------|------------------|------|------|------------------|------------------|------------------|
|   |            | 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> | AV    | U <sub>AV</sub> | D <sub>max</sub> | LL   | UL   | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |
| <b>(26) CK</b>                            |            |               |      |        | 351              |                  |           |                 |                  |     |       | 0                |                  |                  |       |                 |                  |      |      | 351              | 345              | 98%              |
| Vzorky a skupiny                          | [µkat/L]   |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |
| <b>Vzorek A</b>                           |            | 6,68          | 0,41 | 6,2    | 351              |                  |           |                 |                  |     |       | 0                |                  | CRV              | 7,12  | 0,18            | 20%              | 5,69 | 8,55 | 351              | 348              | 99%              |
| (1) IFCC metoda                           |            | 6,68          | 0,41 | 6,2    | 351              | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 351              |                  |                  |
| <b>Vzorek B</b>                           |            | 2,50          | 0,14 | 5,4    | 351              |                  |           |                 |                  |     |       | 0                |                  | CRV              | 2,66  | 0,068           | 20%              | 2,12 | 3,2  | 351              | 348              | 99%              |
| (1) IFCC metoda                           |            | 2,50          | 0,14 | 5,4    | 351              | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 351              |                  |                  |
| <b>(27) GGT</b>                           |            |               |      |        | 382              |                  |           |                 |                  |     |       | 0                |                  |                  |       |                 |                  |      |      | 382              | 374              | 98%              |
| Vzorky a skupiny                          | [µkat/L]   |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |
| <b>Vzorek A</b>                           |            | 1,27          | 0,04 | 3,7    | 382              |                  |           |                 |                  |     |       | 0                |                  | CRV              | 1,32  | 0,038           | 15%              | 1,12 | 1,52 | 382              | 375              | 98%              |
| (1) IFCC metoda                           |            | 1,27          | 0,04 | 3,7    | 381              | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 381              |                  |                  |
| Ostatní                                   |            |               |      |        | 1                | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 1                |                  |                  |
| <b>Vzorek B</b>                           |            | 1,30          | 0,04 | 3,7    | 382              |                  |           |                 |                  |     |       | 0                |                  | CRV              | 1,375 | 0,037           | 15%              | 1,16 | 1,59 | 382              | 377              | 99%              |
| (1) IFCC metoda                           |            | 1,30          | 0,04 | 3,7    | 381              | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 381              |                  |                  |
| Ostatní                                   |            |               |      |        | 1                | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 1                |                  |                  |
|   |            |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  | 1x 0             |       |                 |                  |      |      |                  |                  |                  |
| <b>(28) LD</b>                            |            |               |      |        | 281              |                  |           |                 |                  |     |       | 0                |                  |                  |       |                 |                  |      |      | 281              | 280              | 100%             |
| Vzorky a skupiny                          | [µkat/L]   |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |
| <b>Vzorek A</b>                           |            | 6,08          | 0,19 | 3,2    | 281              |                  |           |                 |                  |     |       | 0                |                  | CRV              | 6,04  | 0,13            | 18%              | 4,95 | 7,13 | 281              | 280              | 100%             |
| (3) IFCC metoda                           |            | 6,08          | 0,19 | 3,2    | 281              | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 281              |                  |                  |
| <b>Vzorek B</b>                           |            | 6,33          | 0,20 | 3,2    | 281              |                  |           |                 |                  |     |       | 0                |                  | CRV              | 6,2   | 0,14            | 18%              | 5,08 | 7,32 | 281              | 280              | 100%             |
| (3) IFCC metoda                           |            | 6,33          | 0,20 | 3,2    | 281              | 0                |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      | 281              |                  |                  |
| <b>(29) Lipáza</b>                        |            |               |      |        | 189              |                  |           |                 |                  |     |       | 174              | 171              | 98%              |       |                 |                  |      |      |                  | 0                |                  |
| Vzorky a skupiny                          | [µkat/L]   |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |
| <b>Vzorek A</b>                           |            | 1,21          | 0,08 | 7,2    | 189              |                  |           |                 |                  |     |       | 174              | 171              | 98%              |       |                 |                  |      |      |                  | 0                |                  |
| (0) Neuvedeno; (1) Abbott                 |            | 1,22          | 0,05 | 4,6    | 32               | 0                | CVPG      | 1,22            | 0,024            | 24% | 0,927 | 1,52             |                  |                  |       |                 |                  |      |      | 32               |                  |                  |
| (0) Neuvedeno; (58) Beckman Coulter (AU)  |            | 1,22          | 0,04 | 3,9    | 34               | 0                | CVPG      | 1,22            | 0,020            | 24% | 0,927 | 1,52             |                  |                  |       |                 |                  |      |      | 34               |                  |                  |
| (0) Neuvedeno; (60) Roche                 |            | 1,17          | 0,05 | 4,8    | 77               | 0                | CVPG      | 1,17            | 0,016            | 24% | 0,889 | 1,46             |                  |                  |       |                 |                  |      |      | 77               |                  |                  |
| (0) Neuvedeno; (116) Sentinel Diagnostics |            | 1,20          | 0,06 | 5,6    | 6                | 0                | CVPG      | 1,2             | 0,093            | 24% | 0,912 | 1,49             |                  |                  |       |                 |                  |      |      | 6                |                  |                  |
| (0) Neuvedeno; (162) Siemens (Atellica)   |            | 1,32          | 0,03 | 2,4    | 17               | 0                | CVPG      | 1,32            | 0,019            | 24% | 1     | 1,64             |                  |                  |       |                 |                  |      |      | 17               |                  |                  |
| (0) Neuvedeno; (179) Siemens              |            | 1,33          | 0,07 | 5,6    | 8                | 0                | CVPG      | 1,33            | 0,056            | 24% | 1,01  | 1,65             |                  |                  |       |                 |                  |      |      | 8                |                  |                  |
| Ostatní                                   |            |               |      |        | 15               | 0                |           |                 |                  |     |       | 0                |                  |                  |       |                 |                  |      |      |                  | 0                |                  |
|   |            |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |
| <b>Vzorek B</b>                           |            | 1,47          | 0,11 | 7,2    | 189              |                  |           |                 |                  |     |       | 174              | 174              | 100%             |       |                 |                  |      |      |                  | 0                |                  |
| (0) Neuvedeno; (1) Abbott                 |            | 1,41          | 0,07 | 5,0    | 32               | 0                | CVPG      | 1,41            | 0,031            | 24% | 1,07  | 1,75             |                  |                  |       |                 |                  |      |      | 32               |                  |                  |
| (0) Neuvedeno; (58) Beckman Coulter (AU)  |            | 1,44          | 0,05 | 3,6    | 34               | 0                | CVPG      | 1,44            | 0,022            | 24% | 1,09  | 1,79             |                  |                  |       |                 |                  |      |      | 34               |                  |                  |
| (0) Neuvedeno; (60) Roche                 |            | 1,45          | 0,06 | 4,6    | 77               | 0                | CVPG      | 1,45            | 0,019            | 24% | 1,1   | 1,8              |                  |                  |       |                 |                  |      |      | 77               |                  |                  |
| (0) Neuvedeno; (116) Sentinel Diagnostics |            | 1,47          | 0,05 | 3,5    | 6                | 0                | CVPG      | 1,47            | 0,073            | 24% | 1,11  | 1,83             |                  |                  |       |                 |                  |      |      | 6                |                  |                  |
| (0) Neuvedeno; (162) Siemens (Atellica)   |            | 1,66          | 0,05 | 3,6    | 17               | 0                | CVPG      | 1,66            | 0,035            | 24% | 1,26  | 2,06             |                  |                  |       |                 |                  |      |      | 17               |                  |                  |
| (0) Neuvedeno; (179) Siemens              |            | 1,69          | 0,13 | 7,5    | 8                | 0                | CVPG      | 1,69            | 0,096            | 24% | 1,28  | 2,1              |                  |                  |       |                 |                  |      |      | 8                |                  |                  |
| Ostatní                                   |            |               |      |        | 15               | 0                |           |                 |                  |     |       | 0                |                  |                  |       |                 |                  |      |      |                  | 0                |                  |
|   |            |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |
|   |            |               |      |        |                  |                  |           |                 |                  |     |       |                  |                  |                  |       |                 |                  |      |      |                  |                  |                  |

Filtr: minimální četnost skupin n = 5

## Cyklus EHK: AKS4/22 - Analyty krevního séra

Stop termín: 14.10.2022

| Zkouška                               | [jednotka] | Srovnatelnost |      |        |                  |                  | Návaznost |                 |                  |       |       |                  |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
|---------------------------------------|------------|---------------|------|--------|------------------|------------------|-----------|-----------------|------------------|-------|-------|------------------|------------------|------------------|----|-----------------|------------------|----|----|------------------|------------------|------------------|--|
|                                       |            | 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> | AV | U <sub>AV</sub> | D <sub>max</sub> | LL | UL | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |  |
| <b>(30) Cholinesteráza</b>            |            |               |      |        | 119              |                  |           |                 |                  |       |       | 119              | 107              | 90%              |    |                 |                  |    |    |                  | 0                |                  |  |
| Vzorky a skupiny                      | [μkat/L]   |               |      |        |                  |                  |           |                 |                  |       |       |                  |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek A</b>                       |            | 119           | 5,4  | 4,5    | 119              | CVP              | 119       | 1,2             | 12%              | 104   | 134   | 119              | 107              | 90%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (1) Stand. metoda                     |            | 119           | 5,4  | 4,5    | 119              | 0                |           |                 |                  |       |       | 119              |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek B</b>                       |            | 165           | 8,0  | 4,8    | 119              | CVP              | 165       | 1,8             | 12%              | 145   | 185   | 119              | 107              | 90%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (1) Stand. metoda                     |            | 165           | 8,0  | 4,8    | 119              | 0                |           |                 |                  |       |       | 119              |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>(31) Albumin (elfo)</b>            |            |               |      |        | 89               |                  |           |                 |                  |       |       | 89               | 84               | 94%              |    |                 |                  |    |    |                  | 0                |                  |  |
| Vzorky a skupiny                      | [-]        |               |      |        |                  |                  |           |                 |                  |       |       |                  |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek A</b>                       |            | 0,625         | 0,04 | 7,0    | 89               | CVP              | 0,625     | 0,012           | 15%              | 0,531 | 0,719 | 89               | 87               | 98%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (0) Neuvedeno                         |            | 0,625         | 0,04 | 7,0    | 89               | 1                |           |                 |                  |       |       | 89               |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek B</b>                       |            | 0,623         | 0,05 | 8,8    | 89               | CVP              | 0,623     | 0,014           | 15%              | 0,529 | 0,717 | 89               | 84               | 94%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (0) Neuvedeno                         |            | 0,623         | 0,05 | 8,8    | 89               | 1                |           |                 |                  |       |       | 89               |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>(32) gama-globulin (elfo)</b>      |            |               |      |        | 89               |                  |           |                 |                  |       |       | 89               | 86               | 97%              |    |                 |                  |    |    |                  | 0                |                  |  |
| Vzorky a skupiny                      | [-]        |               |      |        |                  |                  |           |                 |                  |       |       |                  |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek A</b>                       |            | 0,136         | 0,01 | 9,5    | 89               | CVP              | 0,136     | ,0034           | 30%              | 0,095 | 0,177 | 89               | 86               | 97%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (0) Neuvedeno                         |            | 0,136         | 0,01 | 9,5    | 89               | 1                |           |                 |                  |       |       | 89               |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek B</b>                       |            | 0,131         | 0,01 | 12     | 89               | CVP              | 0,131     | ,0043           | 30%              | 0,091 | 0,171 | 89               | 87               | 98%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (0) Neuvedeno                         |            | 0,131         | 0,01 | 12     | 89               | 1                |           |                 |                  |       |       | 89               |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>(35) alfa-amyláza pankreatická</b> |            |               |      |        | 113              |                  |           |                 |                  |       |       | 113              | 112              | 99%              |    |                 |                  |    |    |                  | 0                |                  |  |
| Vzorky a skupiny                      | [μkat/L]   |               |      |        |                  |                  |           |                 |                  |       |       |                  |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek A</b>                       |            | 4,68          | 0,21 | 4,5    | 113              | CVP              | 4,68      | 0,049           | 18%              | 3,83  | 5,53  | 113              | 112              | 99%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (1) S kalibrací IFCC                  |            | 4,68          | 0,21 | 4,5    | 113              | 0                |           |                 |                  |       |       | 113              |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek B</b>                       |            | 1,28          | 0,06 | 4,7    | 113              | CVP              | 1,28      | 0,014           | 18%              | 1,04  | 1,52  | 113              | 113              | 100%             |    |                 |                  |    |    |                  | 0                |                  |  |
| (1) S kalibrací IFCC                  |            | 1,28          | 0,06 | 4,7    | 113              | 0                |           |                 |                  |       |       | 113              |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>(36) Vápník ionizovaný</b>         |            |               |      |        | 66               |                  |           |                 |                  |       |       | 66               | 62               | 94%              |    |                 |                  |    |    |                  | 0                |                  |  |
| Vzorky a skupiny                      | [mmol/L]   |               |      |        |                  |                  |           |                 |                  |       |       |                  |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek A</b>                       |            | 1,91          | 0,08 | 4,7    | 66               | CVP              | 1,91      | 0,027           | 10%              | 1,71  | 2,11  | 66               | 62               | 94%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (2) ISE bez ředění                    |            | 1,91          | 0,08 | 4,4    | 61               | 0                |           |                 |                  |       |       | 61               |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| Ostatní                               |            |               |      |        | 5                | 0                |           |                 |                  |       |       | 5                |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| <b>Vzorek B</b>                       |            | 1,65          | 0,06 | 3,7    | 66               | CVP              | 1,65      | 0,019           | 10%              | 1,48  | 1,82  | 66               | 62               | 94%              |    |                 |                  |    |    |                  | 0                |                  |  |
| (2) ISE bez ředění                    |            | 1,66          | 0,06 | 3,6    | 61               | 0                |           |                 |                  |       |       | 61               |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |
| Ostatní                               |            |               |      |        | 5                | 0                |           |                 |                  |       |       | 5                |                  |                  |    |                 |                  |    |    |                  |                  |                  |  |

st\_kn\_np

Konec sestavy

Vytisknuto: 24.10.2022