# Summary statistics - qualitative results

**EQA round: DGP2/23 - Urine Strip Tests Analysis**  Deadline: 19.5.2023
Setup: all data

| | |
|---|---|
| AV = assigned value | $N_{tot}$ = total number of the results |
| CVP = consensus of all participants | $N_{rel}$ = relative number of the results |
| CVPG = consensus of the participants' groups | |
| >>> ... expected result | |
| > ... acceptable result | |
| ± ... result not assessed | |

| | |
|---|---|
| $N_{eva}$ = number of the results assessed | |
| $N_{suc}$ = number of successful results | |
| $S_{rel}$ = relative success | |

| Test Sample Group | AV | | $N_{tot}$ | $N_{rel}$ [%] | Result | $N_{eva}$ | $N_{suc}$ | $S_{rel}$ [%] |
|---|---|---|---|---|---|---|---|---|
| **(268) Bilirubin** | | | 58 | | | 58 | 57 | 98 |
| **Sample A** | | | 58 | | | 58 | 57 | 98 |
| All results | CVP | >>> | 57 | 98 | Negative | | | |
| | | | 1 | 1,7 | 1+, 2+ | | | |
| **Sample B** | | | 58 | | | 58 | 58 | 100 |
| All results | | > | 3 | 5,2 | 1+, 2+ | | | |
| | CVP | >>> | 55 | 95 | 3+, 4+ | | | |
| **(264) Total protein** | | | 60 | | | 60 | 57 | 95 |
| **Sample A** | | | 60 | | | 60 | 60 | 100 |
| All results | CVP | >>> | 57 | 95 | Negative, < 0,3 g/L | | | |
| | | > | 3 | 5 | 0,3 - 0,5 g/L | | | |
| **Sample B** | | | 60 | | | 60 | 57 | 95 |
| All results | | | 1 | 1,7 | Negative, < 0,3 g/L | | | |
| | | | 2 | 3,3 | 0,3 - 0,5 g/L | | | |
| | CVP | >>> | 35 | 58 | 0,51 - 2,5 g/L | | | |
| | CVP | >>> | 22 | 37 | > 2,5 g/L | | | |
| **(261) Glucose** | | | 60 | | | 60 | 59 | 98 |
| **Sample A** | | | 60 | | | 60 | 60 | 100 |
| All results | CVP | >>> | 46 | 77 | Negative, normal, <= 2,8 mmol/L | | | |
| | | > | 14 | 23 | 2,81 - 11 mmol/L | | | |
| **Sample B** | | | 60 | | | 60 | 59 | 98 |
| All results | | | 1 | 1,7 | 2,81 - 11 mmol/L | | | |
| | | > | 19 | 32 | 11,1 - 28 mmol/L | | | |
| | CVP | >>> | 40 | 67 | > 28 mmol/L | | | |
| **(275) hCG** | | | 6 | | | 6 | 6 | 100 |
| **Sample A** | | | 6 | | | 6 | 6 | 100 |
| All results | CVP | >>> | 6 | 100 | Negative | | | |
| **Sample B** | | | 6 | | | 6 | 6 | 100 |
| All results | CVP | >>> | 6 | 100 | Positive | | | |
| **(263) Ketone bodies** | | | 60 | | | 60 | 54 | 90 |
| **Sample A** | | | 60 | | | 60 | 60 | 100 |
| All results | CVP | >>> | 60 | 100 | Negative, <= 0,5 mmol/L | | | |
| **Sample B** | | | 60 | | | 60 | 54 | 90 |
| All results | | | 6 | 10 | Negative, <= 0,5 mmol/L | | | |
| | CVP | >>> | 38 | 63 | 1+, 2+ | | | |
| | | > | 16 | 27 | 3+, 4+ | | | |
| **(272) Blood** | | | 60 | | | 60 | 60 | 100 |
| **Sample A** | | | 60 | | | 60 | 60 | 100 |
| All results | CVP | >>> | 60 | 100 | Negative | | | |
| **Sample B** | | | 60 | | | 60 | 60 | 100 |
| All results | | > | 5 | 8,3 | 13 - 50 ery/µL | | | |
| | CVP | >>> | 55 | 92 | > 50 ery/µL | | | |
| **(270) WBC** | | | 55 | | | 51 | 48 | 94 |
| **Sample A** | | | 55 | | | 55 | 53 | 96 |
| All results | CVP | >>> | 53 | 96 | Negative | | | |
| | | | 2 | 3,6 | 10 - 50 leu/µL | | | |
| **Sample B** | | | 55 | | | 51 | 50 | 98 |
| All results (without individual groups) | | | 1 | 1,8 | Negative | | | |
| | | > | 2 | 3,6 | 10 - 50 leu/µL | | | |
| | CVP | >>> | 22 | 40 | 51 - 250 leu/µL | | | |
| | CVP | >>> | 26 | 47 | > 250 leu/µL | | | |
| (223) Iris iChem Velocity | | ± | 3 | 5,5 | Negative | | | |
| | | ± | 1 | 1,8 | 51 - 250 leu/µL | | | |
| **(274) Nitrite** | | | 58 | | | 58 | 58 | 100 |
| **Sample A** | | | 58 | | | 58 | 58 | 100 |
| All results | CVP | >>> | 58 | 100 | Negative | | | |
| **Sample B** | | | 58 | | | 58 | 58 | 100 |
| All results | CVP | >>> | 58 | 100 | Positive | | | |
| **(273) pH** | | | 60 | | | 60 | 57 | 95 |
| **Sample A** | | | 60 | | | 60 | 57 | 95 |
| All results | | | 3 | 5 | 5,0 | | | |
| | | > | 2 | 3,3 | 5,5 | | | |
| | | > | 15 | 25 | 6,0 | | | |

| Test<br>Sample<br>Group | AV | | $N_{tot}$ | $N_{rel}$<br>[%] | Frequency of the results<br>Result | $N_{eva}$ | $N_{suc}$ | $S_{rel}$<br>[%] |
|---|---|---|---|---|---|---|---|---|
| | CVP | >>> | 34 | 57 | 6,5 | | | |
| | | > | 6 | 10 | 7,0 | | | |
| **Sample B** | | | 60 | | | 60 | 60 | 100 |
| All results | | > | 2 | 3,3 | 6,0 | | | |
| | CVP | >>> | 23 | 38 | 6,5 | | | |
| | CVP | >>> | 35 | 58 | 7,0 | | | |
| **(266) Urobilinogen** | | | 60 | | | 60 | 59 | 98 |
| **Sample A** | | | 60 | | | 60 | 59 | 98 |
| All results | CVP | >>> | 59 | 98 | Negative, < 17 µmol/L | | | |
| | | | 1 | 1,7 | 1+, 2+ | | | |
| **Sample B** | | | 60 | | | 60 | 60 | 100 |
| All results | CVP | >>> | 25 | 42 | 1+, 2+ | | | |
| | CVP | >>> | 35 | 58 | 3+, 4+ | | | |

| Test<br>Sample<br>Group | AV | | $N_{tot}$ | $N_{rel}$<br>[%] | Frequency of the results<br>Result | $N_{eva}$ | $N_{suc}$ | $S_{rel}$<br>[%] |
|---|---|---|---|---|---|---|---|---|
| | CVP | >>> | 34 | 57 | 6,5 | | | |
| | | > | 6 | 10 | 7,0 | | | |