

## EQA round: DGP1/23 - Urine Strip Tests Analysis

Deadline: 17.2.2023

Setup: Slovakia

AV = assigned value

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessed

CVP = consensus of all participants

N<sub>rel</sub> = relative number of the resultsN<sub>suc</sub> = number of successful results

CVPG = consensus of the participants' groups

S<sub>rel</sub> = relative success

&gt;&gt;&gt; ... expected result

&gt; ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
<b>(268) Bilirubin</b>		27			22	22	100
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	27	100	Negative			
<b>Sample B</b>		27			22	22	100
All results (without individual groups)	>	1	3,7	1+, 2+			
	CVP >>>	21	78	3+, 4+			
<b>(223) Iris iChem Velocity</b>		27					
All results	±	2	7,4	Negative			
	±	2	7,4	1+, 2+			
	±	1	3,7	3+, 4+			
<b>(264) Total protein</b>		27			27	27	100
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	27	100	Negative, < 0,3 g/L			
<b>Sample B</b>		27			27	27	100
All results	>	10	37	0,51 - 2,5 g/L			
	CVP >>>	17	63	> 2,5 g/L			
<b>(261) Glucose</b>		27			27	26	96
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	27	100	Negative, normal, <= 2,8 mmol/L			
<b>Sample B</b>		27			27	26	96
All results	>	1	3,7	2,81 - 11 mmol/L			
	>	9	33	11,1 - 28 mmol/L			
	CVP >>>	17	63	> 28 mmol/L			
<b>(275) hCG</b>		4			4	4	100
<b>Sample A</b>		4			4	4	100
All results	CVP >>>	4	100	Negative			
<b>Sample B</b>		4			4	4	100
All results	CVP >>>	4	100	Positive			
<b>(263) Ketone bodies</b>		26			26	26	100
<b>Sample A</b>		26			26	26	100
All results	CVP >>>	26	100	Negative, <= 0,5 mmol/L			
<b>Sample B</b>		26			26	26	100
All results	>	14	54	1+, 2+			
	CVP >>>	12	46	3+, 4+			
<b>(272) Blood</b>		27			27	27	100
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	27	100	Negative			
<b>Sample B</b>		27			27	27	100
All results	>	6	22	13 - 50 ery/μL			
	CVP >>>	21	78	> 50 ery/μL			
<b>(270) WBC</b>		25			25	23	92
<b>Sample A</b>		25			25	25	100
All results	CVP >>>	25	100	Negative			
<b>Sample B</b>		25			25	23	92
All results	>	2	8	10 - 50 leu/μL			
	>	5	20	51 - 250 leu/μL			
	CVP >>>	18	72	> 250 leu/μL			
<b>(274) Nitrite</b>		26			26	26	100
<b>Sample A</b>		26			26	26	100
All results	CVP >>>	26	100	Negative			
<b>Sample B</b>		26			26	26	100
All results	CVP >>>	26	100	Positive			
<b>(273) pH</b>		27			27	27	100
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	13	48	5,0			
	>	10	37	5,5			
	>	4	15	6,0			
<b>Sample B</b>		27			27	27	100
All results	>	6	22	6,5			
	CVP >>>	13	48	7,0			
	>	7	26	7,5			
	>	1	3,7	8,0			

## EQA round: DGP1/23 - Urine Strip Tests Analysis

Deadline: 17.2.2023

Setup: Slovakia

Test Sample Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(266) <b>Urobilinogen</b>		27			27	27	100
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	27	100	Negative, < 17 µmol/L			
<b>Sample B</b>		27			27	27	100
All results		>	13	48	1+, 2+		
	CVP >>>	14	52	3+, 4+			