

## EQA round: DGP1/25 - Urine Strip Tests Analysis

Deadline: 14.2.2025

Setup: Slovakia

AV = assigned value	N <sub>tot</sub> = total number of the results	N <sub>eva</sub> = number of the results assessed
CVP = consensus of all participants	N <sub>rel</sub> = relative number of the results	N <sub>suc</sub> = number of successful results
CVPG = consensus of the participants' groups		S <sub>rel</sub> = relative success
>>> ... expected result		
> ... 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)	CVP >>>	22	81	3+, 4+			
(223) Beckman Coulter iChem Velocity / DxU 810c	±	4	15	Negative			
Iris	±	1	3,7	1+, 2+			
<b>(264) Total protein</b>		27			27	26	96
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	27	100	Negative, < 0,3 g/L			
<b>Sample B</b>		27			27	26	96
All results		1	3,7	Negative, < 0,3 g/L			
	>	2	7,4	0,3 - 0,5 g/L			
	CVP >>>	19	70	0,51 - 2,5 g/L			
	CVP >>>	5	19	> 2,5 g/L			
<b>(261) Glucose</b>		27			27	27	100
<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	27	100
All results	>	1	3,7	2,81 - 11 mmol/L			
	CVP >>>	13	48	11,1 - 28 mmol/L			
	CVP >>>	13	48	> 28 mmol/L			
<b>(275) hCG</b>		2			2	2	100
<b>Sample A</b>		2			2	2	100
All results	CVP >>>	2	100	Negative			
<b>Sample B</b>		2			2	2	100
All results	CVP >>>	2	100	Positive			
<b>(263) Ketone bodies</b>		26			26	25	96
<b>Sample A</b>		26			26	25	96
All results		1	3,8	Not specified			
	CVP >>>	25	96	Negative, <= 0,5 mmol/L			
<b>Sample B</b>		26			26	26	100
All results	CVP >>>	19	73	1+, 2+			
	CVP >>>	7	27	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	CVP >>>	27	100	> 50 ery/μL			
<b>(270) WBC</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	>	7	26	10 - 50 leu/μL			
	CVP >>>	10	37	51 - 250 leu/μL			
	CVP >>>	10	37	> 250 leu/μL			
<b>(274) Nitrite</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	CVP >>>	27	100	Positive			
<b>(273) pH</b>		27			27	27	100
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	22	81	5,0			
	>	2	7,4	5,5			
	>	3	11	6,0			
<b>Sample B</b>		27			27	27	100
All results	>	4	15	6,5			
	>	5	19	7,0			
	CVP >>>	3	11	7,5			
	CVP >>>	12	44	8,0			
	>	3	11	9,0			

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(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		>	8	30	1+, 2+		
	CVP >>>	19	70	3+, 4+			