

## EQA round: DGP3/24 - Urine Strip Tests Analysis

Deadline: 29.11.2024

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>		28			24	23	96
<b>Sample A</b>		28			24	24	100
All results (without individual groups)	>	1	3,6	1+, 2+			
	CVP >>>	23	82	3+, 4+			
(223) Beckman Coulter iChem Velocity / DxU 810c Iris	±	4	14	Negative			
<b>Sample B</b>		28			28	27	96
All results	CVP >>>	27	96	Negative			
		1	3,6	1+, 2+			
<b>(264) Total protein</b>		28			28	26	93
<b>Sample A</b>		28			28	26	93
All results		2	7,1	0,3 - 0,5 g/L			
	>	6	21	0,51 - 2,5 g/L			
	CVP >>>	20	71	> 2,5 g/L			
<b>Sample B</b>		28			28	28	100
All results	CVP >>>	28	100	Negative, < 0,3 g/L			
<b>(261) Glucose</b>		28			28	27	96
<b>Sample A</b>		28			28	27	96
All results		1	3,6	Negative, normal, <= 2,8 mmol/L			
	>	2	7,1	2,81 - 11 mmol/L			
	CVP >>>	13	46	11,1 - 28 mmol/L			
	CVP >>>	12	43	> 28 mmol/L			
<b>Sample B</b>		28			28	28	100
All results	CVP >>>	28	100	Negative, normal, <= 2,8 mmol/L			
<b>(275) hCG</b>		5			5	5	100
<b>Sample A</b>		5			5	5	100
All results	CVP >>>	5	100	Positive			
<b>Sample B</b>		5			5	5	100
All results	CVP >>>	5	100	Negative			
<b>(263) Ketone bodies</b>		27			27	26	96
<b>Sample A</b>		27			27	27	100
All results	CVP >>>	22	81	1+, 2+			
	CVP >>>	5	19	3+, 4+			
<b>Sample B</b>		27			27	26	96
All results	CVP >>>	26	96	Negative, <= 0,5 mmol/L			
		1	3,7	1+, 2+			
<b>(272) Blood</b>		28			28	26	93
<b>Sample A</b>		28			28	26	93
All results		1	3,6	Negative			
		1	3,6	5 - 12 ery/ $\mu$ L			
	>	5	18	13 - 50 ery/ $\mu$ L			
	CVP >>>	21	75	> 50 ery/ $\mu$ L			
<b>Sample B</b>		28			28	28	100
All results	CVP >>>	28	100	Negative			
<b>(270) WBC</b>		27			23	18	78
<b>Sample A</b>		27			23	19	83
All results (without individual groups)		4	15	Negative			
	CVP >>>	10	37	51 - 250 leu/ $\mu$ L			
	>	9	33	> 250 leu/ $\mu$ L			
(223) Beckman Coulter iChem Velocity / DxU 810c Iris	±	3	11	Negative			
		1	3,7	51 - 250 leu/ $\mu$ L			
<b>Sample B</b>		27			27	26	96
All results	CVP >>>	26	96	Negative			
		1	3,7	51 - 250 leu/ $\mu$ L			
<b>(274) Nitrite</b>		28			28	27	96
<b>Sample A</b>		28			28	28	100
All results	CVP >>>	28	100	Positive			
<b>Sample B</b>		28			28	27	96
All results	CVP >>>	27	96	Negative			
		1	3,6	Positive			

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	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
<b>(273) pH</b>		28			28	28	100
<b>Sample A</b>		28			28	28	100
All results	>	1	3,6	6,0			
	>	6	21	6,5			
	CVP >>>	5	18	7,0			
	CVP >>>	5	18	7,5			
	CVP >>>	10	36	8,0			
	>	1	3,6	9,0			
<b>Sample B</b>		28			28	28	100
All results	CVP >>>	17	61	5,0			
	>	7	25	5,5			
	>	4	14	6,0			
<b>(266) Urobilinogen</b>		28			28	27	96
<b>Sample A</b>		28			28	28	100
All results	CVP >>>	11	39	1+, 2+			
	CVP >>>	17	61	3+, 4+			
<b>Sample B</b>		28			28	27	96
All results	CVP >>>	27	96	Negative, < 17 µmol/L			
		1	3,6	1+, 2+			