

EQA round: DGP1/24 - Urine Strip Tests Analysis

Deadline: 16.2.2024

Setup: Slovakia

AV = assigned value

CVP = consensus of all participants

>>> ... expected result

> ... acceptable result

± ... result not assessed

N_{tot} = total number of the resultsN_{rel} = relative number of the resultsN_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(268) Bilirubin		27			27	26	96
Sample A		27			27	26	96
All results	CVP >>>	26	96	Negative			
		1	3,7	1+, 2+			
Sample B		27			27	27	100
All results	CVP >>>	27	100	Negative			
(264) Total protein		27			27	27	100
Sample A		27			27	27	100
All results	CVP >>>	27	100	Negative, < 0,3 g/L			
Sample B		27			27	27	100
All results	CVP >>>	11	41	Negative, < 0,3 g/L			
	CVP >>>	16	59	0,3 - 0,5 g/L			
(261) Glucose		27			27	23	85
Sample A		27			27	23	85
All results	CVP >>>	11	41	2,81 - 11 mmol/L			
	CVP >>>	12	44	11,1 - 28 mmol/L			
		4	15	> 28 mmol/L			
Sample B		27			27	27	100
All results	CVP >>>	27	100	Negative, normal, <= 2,8 mmol/L			
(275) hCG		4			4	4	100
Sample A		4			4	4	100
All results	CVP >>>	4	100	Negative			
Sample B		4			4	4	100
All results	CVP >>>	4	100	Positive			
(263) Ketone bodies		26			26	26	100
Sample A		26			26	26	100
All results	CVP >>>	26	100	Negative, <= 0,5 mmol/L			
Sample B		26			26	26	100
All results	CVP >>>	26	100	Negative, <= 0,5 mmol/L			
(272) Blood		27			27	25	93
Sample A		27			27	26	96
All results		1	3,7	5 - 12 ery/μL			
	>	6	22	13 - 50 ery/μL			
	CVP >>>	20	74	> 50 ery/μL			
Sample B		27			27	26	96
All results	CVP >>>	17	63	Negative			
	>	9	33	5 - 12 ery/μL			
		1	3,7	13 - 50 ery/μL			
(270) WBC		26			26	26	100
Sample A		26			26	26	100
All results	CVP >>>	26	100	Negative			
Sample B		26			26	26	100
All results	CVP >>>	26	100	Negative			
(274) Nitrite		27			27	27	100
Sample A		27			27	27	100
All results	CVP >>>	27	100	Negative			
Sample B		27			27	27	100
All results	CVP >>>	27	100	Negative			
(273) pH		27			27	27	100
Sample A		27			27	27	100
All results		6	22	5,0			
	CVP >>>	17	63	5,5			
	>	4	15	6,0			
Sample B		27			27	27	100
All results		2	7,4	7,0			
	>	6	22	7,5			
	CVP >>>	15	56	8,0			
	>	4	15	8,5			
(266) Urobilinogen		27			27	27	100
Sample A		27			27	27	100
All results	CVP >>>	27	100	Negative, < 17 μmol/L			
Sample B		27			27	27	100
All results	CVP >>>	27	100	Negative, < 17 μmol/L			