

EQA round: DGP2/25 - Urine Strip Tests Analysis

Deadline: 2.5.2025

Setup: all data

AV = assigned value
 CVP = consensus of all participants
 >>> ... expected result
 > ... acceptable result
 ± ... result not assessed

N_{tot} = total number of the results
 N_{rel} = relative number of the results

N_{eva} = number of the results assessed
 N_{suc} = number of successful results
 S_{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		67			67	67	100
Sample A		67			67	67	100
All results	CVP >>>	67	100	Negative			
Sample B		67			67	67	100
All results	CVP >>>	67	100	Negative			
(264) Total protein		66			66	60	91
Sample A		66			66	64	97
All results	CVP >>>	64	97	Negative, < 0,3 g/L			
		2	3	0,3 - 0,5 g/L			
Sample B		66			66	61	92
All results	>	6	9,1	0,3 - 0,5 g/L			
	CVP >>>	55	83	0,51 - 2,5 g/L			
		5	7,6	> 2,5 g/L			
(261) Glucose		68			68	60	88
Sample A		68			68	66	97
All results	CVP >>>	45	66	Negative, normal, <= 2,8 mmol/L			
	CVP >>>	21	31	2,81 - 11 mmol/L			
		2	2,9	11,1 - 28 mmol/L			
Sample B		68			68	62	91
All results		1	1,5	Negative, normal, <= 2,8 mmol/L			
		5	7,4	2,81 - 11 mmol/L			
	CVP >>>	47	69	11,1 - 28 mmol/L			
	CVP >>>	15	22	> 28 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		68			68	66	97
Sample A		68			68	67	99
All results	CVP >>>	67	99	Negative, <= 0,5 mmol/L			
		1	1,5	3+, 4+			
Sample B		68			68	66	97
All results	CVP >>>	66	97	Negative, <= 0,5 mmol/L			
		2	2,9	1+, 2+			
(272) Blood		68			68	68	100
Sample A		68			68	68	100
All results	CVP >>>	68	100	Negative			
Sample B		68			68	68	100
All results	CVP >>>	68	100	Negative			
(270) WBC		64			64	64	100
Sample A		64			64	64	100
All results	CVP >>>	64	100	Negative			
Sample B		64			64	64	100
All results	CVP >>>	64	100	Negative			
(274) Nitrite		67			67	66	99
Sample A		67			67	66	99
All results	CVP >>>	66	99	Negative			
		1	1,5	Positive			
Sample B		67			67	66	99
All results	CVP >>>	66	99	Negative			
		1	1,5	Positive			
(273) pH		68			68	67	99
Sample A		68			68	67	99
All results		1	1,5	Not specified			
	>	2	2,9	5,5			
	>	22	32	6,0			
	CVP >>>	31	46	6,5			
	>	12	18	7,0			
Sample B		68			68	68	100
All results	>	24	35	6,0			
	CVP >>>	43	63	6,5			
	>	1	1,5	7,0			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(266) Urobilinogen		68			68	66	97
Sample A		68			68	66	97
All results	CVP >>>	66	97	Negative, < 17 µmol/L			
		2	2,9	1+, 2+			
Sample B		68			68	66	97
All results	CVP >>>	66	97	Negative, < 17 µmol/L			
		2	2,9	1+, 2+			