

EQA round: DGP3/23 - Urine Strip Tests Analysis

Deadline: 1.12.2023

Setup: all data

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		315			315	313	99
Sample A		315			315	314	100
All results	CVP >>>	314	100	Negative			
		1	0,3	1+, 2+			
Sample B		315			315	313	99
All results		1	0,3	Not specified			
	CVP >>>	313	99	Negative			
		1	0,3	1+, 2+			
(264) Total protein		316			316	312	99
Sample A		316			316	312	99
All results	CVP >>>	312	99	Negative, < 0,3 g/L			
		1	0,3	0,3 - 0,5 g/L			
		2	0,6	0,51 - 2,5 g/L			
		1	0,3	> 2,5 g/L			
Sample B		316			316	313	99
All results	CVP >>>	313	99	Negative, < 0,3 g/L			
		3	0,9	0,3 - 0,5 g/L			
(261) Glucose		317			317	312	98
Sample A		317			317	315	99
All results		2	0,6	Negative, normal, <= 2,8 mmol/L			
	CVP >>>	132	42	2,81 - 11 mmol/L			
	CVP >>>	164	52	11,1 - 28 mmol/L			
	>	19	6	> 28 mmol/L			
Sample B		317			317	314	99
All results	CVP >>>	314	99	Negative, normal, <= 2,8 mmol/L			
		2	0,6	2,81 - 11 mmol/L			
		1	0,3	11,1 - 28 mmol/L			
(275) hCG		14			14	14	100
Sample A		14			14	14	100
All results	CVP >>>	14	100	Negative			
Sample B		14			14	14	100
All results	CVP >>>	14	100	Negative			
(263) Ketone bodies		316			316	314	99
Sample A		316			316	314	99
All results	CVP >>>	314	99	Negative, <= 0,5 mmol/L			
		1	0,3	1+, 2+			
		1	0,3	3+, 4+			
Sample B		316			316	315	100
All results	CVP >>>	315	100	Negative, <= 0,5 mmol/L			
		1	0,3	1+, 2+			
(272) Blood		317			317	314	99
Sample A		317			317	315	99
All results	CVP >>>	315	99	Negative			
		1	0,3	5 - 12 ery/ μ L			
		1	0,3	> 50 ery/ μ L			
Sample B		317			317	316	100
All results	CVP >>>	316	100	Negative			
		1	0,3	5 - 12 ery/ μ L			
(270) WBC		284			284	281	99
Sample A		284			284	281	99
All results	CVP >>>	281	99	Negative			
		2	0,7	10 - 50 leu/ μ L			
		1	0,4	51 - 250 leu/ μ L			
Sample B		284			284	283	100
All results	CVP >>>	283	100	Negative			
		1	0,4	10 - 50 leu/ μ L			
(274) Nitrite		286			286	282	99
Sample A		286			286	282	99
All results	CVP >>>	282	99	Negative			
		4	1,4	Positive			
Sample B		286			286	285	100
All results	CVP >>>	285	100	Negative			
		1	0,3	Positive			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(273) pH		317			317	310	98
Sample A		317			317	312	98
All results		3	0,9	6,0			
	>	6	1,9	6,5			
	>	36	11	7,0			
CVP >>>	>	132	42	7,5			
	>	112	35	8,0			
	>	26	8,2	8,5			
		2	0,6	9,0			
Sample B		317			317	315	99
All results		2	0,6	5,0			
	>	3	0,9	5,5			
	>	60	19	6,0			
CVP >>>	>	207	65	6,5			
	>	45	14	7,0			
(266) Urobilinogen		316			316	312	99
Sample A		316			316	313	99
All results	CVP >>>	313	99	Negative, < 17 µmol/L			
		2	0,6	1+, 2+			
		1	0,3	3+, 4+			
Sample B		316			316	313	99
All results	CVP >>>	313	99	Negative, < 17 µmol/L			
		3	0,9	1+, 2+			