

## EQA round: DGP2/26 - Urine Strip Tests Analysis

Deadline: 1.5.2026

Setup: all data

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>		69			69	68	99
<b>Sample A</b>		69			69	68	99
All results	CVP >>>	68	99	Negative			
		1	1,4	1+, 2+			
<b>Sample B</b>		69			69	69	100
All results	>	5	7,2	1+, 2+			
	CVP >>>	64	93	3+, 4+			
<b>(264) Total protein</b>		69			69	69	100
<b>Sample A</b>		69			69	69	100
All results	CVP >>>	69	100	Negative, < 0,3 g/L			
<b>Sample B</b>		69			69	69	100
All results	>	11	16	0,51 - 2,5 g/L			
	CVP >>>	58	84	> 2,5 g/L			
<b>(261) Glucose</b>		70			70	69	99
<b>Sample A</b>		70			70	70	100
All results	CVP >>>	70	100	Negative, normal, <= 2,8 mmol/L			
<b>Sample B</b>		70			70	69	99
All results		1	1,4	Negative, normal, <= 2,8 mmol/L			
	>	10	14	2,81 - 11 mmol/L			
	CVP >>>	35	50	11,1 - 28 mmol/L			
	>	24	34	> 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>		70			70	70	100
<b>Sample A</b>		70			70	70	100
All results	CVP >>>	70	100	Negative, <= 0,5 mmol/L			
<b>Sample B</b>		70			70	70	100
All results	>	24	34	1+, 2+			
	CVP >>>	46	66	3+, 4+			
<b>(272) Blood</b>		70			70	70	100
<b>Sample A</b>		70			70	70	100
All results	CVP >>>	70	100	Negative			
<b>Sample B</b>		70			70	70	100
All results	>	8	11	13 - 50 ery/ $\mu$ L			
	CVP >>>	62	89	> 50 ery/ $\mu$ L			
<b>(270) WBC</b>		66			63	59	94
<b>Sample A</b>		66			66	64	97
All results	CVP >>>	64	97	Negative			
		2	3	10 - 50 leu/ $\mu$ L			
<b>Sample B</b>		66			63	61	97
All results (without individual groups)		2	3	Negative			
	>	10	15	10 - 50 leu/ $\mu$ L			
	CVP >>>	28	42	51 - 250 leu/ $\mu$ L			
	>	23	35	> 250 leu/ $\mu$ L			
(223) Beckman Coulter iChem Velocity / DxU 810c Iris	±	3	4,5	Negative			
<b>(274) Nitrite</b>		69			69	69	100
<b>Sample A</b>		69			69	69	100
All results	CVP >>>	69	100	Negative			
<b>Sample B</b>		69			69	69	100
All results	CVP >>>	69	100	Positive			
<b>(273) pH</b>		70			70	69	99
<b>Sample A</b>		70			70	69	99
All results	CVP >>>	38	54	5,0			
	>	20	29	5,5			
	>	11	16	6,0			
		1	1,4	7,0			
<b>Sample B</b>		70			70	70	100
All results	>	6	8,6	6,5			
	CVP >>>	30	43	7,0			

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	CVP >>>	29	41	7,5			
	>	5	7,1	8,0			
(266) Urobilinogen		70			70	68	97
Sample A		70			70	70	100
All results	CVP >>>	70	100	Negative, < 17 µmol/L			
Sample B		70			70	68	97
All results		2	2,9	Negative, < 17 µmol/L			
	>	22	31	1+, 2+			
	CVP >>>	46	66	3+, 4+			