

## EQA round: DGP3/22 - Urine Strip Tests Analysis

Key:	>>> ... marks correct (expected) result	N ... number of the results
	> ... marks conditionally correct (acceptable) result	Nrel ... relative number of the results
	± ... marks the result not evaluated	

## Test

Sample	Group	N	Result	N <sub>rel</sub>
<b>(268) Bilirubin</b>				
A	All results (without individual groups)	1	Negative	0,32 %
		> 6	1+, 2+	1,9 %
		>>> 278	3+, 4+	90 %
	(223) Iris iChem Velocity	± 9	Negative	2,9 %
		± 14	1+, 2+	4,5 %
		± 2	3+, 4+	0,65 %
----- Total per sample: n = 310 ----- Success (only evaluated results): 100 % -----				
B	All results	>>> 308	Negative	99 %
		1	1+, 2+	0,32 %
		1	3+, 4+	0,32 %
----- Total per sample: n = 310 ----- Success: 99 % -----				
Total success (only evaluated tests): 99 %				

**(264) Total protein**

A	All results	16	0,3 - 0,5 g/L	5,1 %
		> 74	0,51 - 2,5 g/L	24 %
		>>> 224	> 2,5 g/L	71 %
----- Total per sample: n = 314 ----- Success: 95 % -----				
B	All results	15	Negative, < 0,3 g/L	4,8 %
		>>> 155	0,3 - 0,5 g/L	49 %
		>>> 135	0,51 - 2,5 g/L	43 %
		> 9	> 2,5 g/L	2,9 %
----- Total per sample: n = 314 ----- Success: 95 % -----				
Total success: 92 %				

**(261) Glucose**

A	All results	3	2,81 - 11 mmol/L	0,96 %
		> 85	11,1 - 28 mmol/L	27 %
		>>> 226	> 28 mmol/L	72 %
----- Total per sample: n = 314 ----- Success: 99 % -----				
B	All results	1	Negative, normal, <= 2,8 mmol/L	0,32 %
		> 38	2,81 - 11 mmol/L	12 %
		>>> 240	11,1 - 28 mmol/L	76 %
		> 35	> 28 mmol/L	11 %
----- Total per sample: n = 314 ----- Success: 100 % -----				
Total success: 99 %				

**(275) hCG**

A	All results	>>> 12	Positive	100 %
----- Total per sample: n = 12 ----- Success: 100 % -----				
B	All results	>>> 12	Negative	100 %
----- Total per sample: n = 12 ----- Success: 100 % -----				
Total success: 100 %				

**(263) Ketone bodies**

A	All results	4	Negative, <= 0,5 mmol/L	1,3 %
		> 160	1+, 2+	51 %
		>>> 149	3+, 4+	48 %
----- Total per sample: n = 313 ----- Success: 99 % -----				
B	All results	>>> 311	Negative, <= 0,5 mmol/L	99 %
		2	3+, 4+	0,64 %
----- Total per sample: n = 313 ----- Success: 99 % -----				
Total success: 98 %				

**(272) Blood**

A	All results	1	Negative	0,32 %
		9	5 - 12 ery/ $\mu$ L	2,9 %
		> 77	13 - 50 ery/ $\mu$ L	25 %
		>>> 227	> 50 ery/ $\mu$ L	72 %
----- Total per sample: n = 314 ----- Success: 97 % -----				
B	All results	2	Negative	0,64 %
		1	5 - 12 ery/ $\mu$ L	0,32 %
		> 28	13 - 50 ery/ $\mu$ L	8,9 %
		>>> 283	> 50 ery/ $\mu$ L	90 %
----- Total per sample: n = 314 ----- Success: 99 % -----				
Total success: 96 %				

**(270) WBC**

A	All results	1	Negative	0,36 %
		6	10 - 50 leu/ $\mu$ L	2,2 %

## EQA round: DGP3/22 - Urine Strip Tests Analysis

Test	Sample	Group	N	Result	N <sub>rel</sub>	
A		All results	>	88	51 - 250 leu/ $\mu$ L	32 %
			>>>	183	> 250 leu/ $\mu$ L	66 %
			Total per sample: n = 278		Success: 97 %	
B		All results	>>>	274	Negative	99 %
			>	3	51 - 250 leu/ $\mu$ L	1,1 %
			>	1	> 250 leu/ $\mu$ L	0,36 %
Total per sample: n = 278		Success: 99 %				
Total success: 96 %						

## (274) Nitrite

A		All results	>>>	3	Negative	1,1 %
			>>>	280	Positive	99 %
			Total per sample: n = 283		Success: 99 %	
B		All results	>>>	282	Negative	100 %
			>	1	Positive	0,35 %
			Total per sample: n = 283		Success: 100 %	
Total success: 99 %						

## (273) pH

A		All results	>	1	5,5	0,32 %
			>	4	6,0	1,3 %
			>	52	6,5	17 %
			>>>	191	7,0	61 %
			>	59	7,5	19 %
			>	6	8,0	1,9 %
			>	1	9,0	0,32 %
Total per sample: n = 314		Success: 99 %				
B		All results	>	3	5,0	0,96 %
			>	2	5,5	0,64 %
			>	63	6,0	20 %
			>>>	207	6,5	66 %
			>	38	7,0	12 %
			>	1	7,5	0,32 %
Total per sample: n = 314		Success: 99 %				
Total success: 98 %						

## (266) Urobilinogen

A		All results	>	2	Negative, < 17 $\mu$ mol/L	0,64 %
			>	104	1+, 2+	33 %
			>>>	208	3+, 4+	66 %
Total per sample: n = 314		Success: 99 %				
B		All results	>>>	313	Negative, < 17 $\mu$ mol/L	100 %
			>	1	1+, 2+	0,32 %
Total per sample: n = 314		Success: 100 %				
Total success: 99 %						