

Summary statistics - qualitative results

(Groups: measurement principle)

EQA round: DGP1/19 - Urine Strip Tests Analysis

Dead line: 15.02.2019

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 _{rel}
(261) Glucose				
A	(1) Visual	> 4	11,1 - 28 mmol/L	1,3 %
		>>> 38	> 28 mmol/L	12 %
	(2) Reflectance (reader)	3	Negative, normal, <= 2,8 mmol/L	0,96 %
		8	2,81 - 11 mmol/L	2,6 %
		> 131	11,1 - 28 mmol/L	42 %
		>>> 127	> 28 mmol/L	41 %
----- Total per sample: n = 311 -----		Success: 96 %		
B	(1) Visual	>>> 42	Negative, normal, <= 2,8 mmol/L	14 %
	(2) Reflectance (reader)	>>> 266	Negative, normal, <= 2,8 mmol/L	86 %
		2	11,1 - 28 mmol/L	0,64 %
		1	> 28 mmol/L	0,32 %
----- Total per sample: n = 311 -----		Success: 99 %		
Total success: 96 %				

(263) Ketone bodies

A	(1) Visual	> 14	1+, 2+	4,5 %
		>>> 28	3+, 4+	9,0 %
	(2) Reflectance (reader)	3	Negative, <= 0,5 mmol/L	0,96 %
		> 84	1+, 2+	27 %
		>>> 182	3+, 4+	59 %
----- Total per sample: n = 311 -----		Success: 99 %		
B	(1) Visual	>>> 42	Negative, <= 0,5 mmol/L	14 %
	(2) Reflectance (reader)	>>> 266	Negative, <= 0,5 mmol/L	86 %
		1	1+, 2+	0,32 %
		2	3+, 4+	0,64 %
----- Total per sample: n = 311 -----		Success: 99 %		
Total success: 99 %				

(264) Total protein

A	(1) Visual	1	0,3 - 0,5 g/L	0,32 %
		> 5	0,51 - 2,5 g/L	1,6 %
		>>> 35	> 2,5 g/L	11 %
	(2) Reflectance (reader)	3	Negative, < 0,3 g/L	0,97 %
		3	0,3 - 0,5 g/L	0,97 %
		> 55	0,51 - 2,5 g/L	18 %
		>>> 208	> 2,5 g/L	67 %
----- Total per sample: n = 310 -----		Success: 98 %		
B	(1) Visual	>>> 41	Negative, < 0,3 g/L	13 %
	(2) Reflectance (reader)	>>> 265	Negative, < 0,3 g/L	85 %
		1	0,3 - 0,5 g/L	0,32 %
		3	> 2,5 g/L	0,97 %
----- Total per sample: n = 310 -----		Success: 99 %		
Total success: 97 %				

(266) Urobilinogen

A	(1) Visual	> 1	1+, 2+	0,32 %
		>>> 41	3+, 4+	13 %
	(2) Reflectance (reader)	5	Negative, < 17 µmol/L	1,6 %
		> 46	1+, 2+	15 %
		>>> 218	3+, 4+	70 %
----- Total per sample: n = 311 -----		Success: 98 %		
B	(1) Visual	>>> 41	Negative, < 17 µmol/L	13 %
		1	1+, 2+	0,32 %
	(2) Reflectance (reader)	>>> 265	Negative, < 17 µmol/L	85 %
		1	1+, 2+	0,32 %
		3	3+, 4+	0,96 %
----- Total per sample: n = 311 -----		Success: 98 %		
Total success: 98 %				

(268) Bilirubin

A	(1) Visual	>>> 36	3+, 4+	12 %
	(2) Reflectance (reader)	1	Not specified	0,33 %
		7	Negative	2,3 %
		> 25	1+, 2+	8,2 %
		>>> 236	3+, 4+	77 %
----- Total per sample: n = 305 -----		Success: 97 %		
B	(1) Visual	>>> 36	Negative	12 %
	(2) Reflectance (reader)	1	Not specified	0,33 %

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Sample	Group	N	Result	N _{rel}
B	(2) Reflectance (reader)	>>> 264	Negative	87 %
		1	1+, 2+	0,33 %
		3	3+, 4+	0,98 %
----- Total per sample: n = 305 -----		Success: 98 %		
Total success: 97 %				

(270) WBC

A	(1) Visual	>	3	51 - 250 leu/μL	1,1 %
		>>>	5	> 250 leu/μL	1,9 %
	(2) Reflectance (reader)		4	Negative	1,5 %
			3	10 - 50 leu/μL	1,1 %
		>	46	51 - 250 leu/μL	18 %
		>>>	201	> 250 leu/μL	77 %
----- Total per sample: n = 262 -----		Success: 97 %			
B	(1) Visual	>>>	8	Negative	3,1 %
	(2) Reflectance (reader)	>>>	251	Negative	96 %
			3	> 250 leu/μL	1,1 %
----- Total per sample: n = 262 -----		Success: 99 %			
Total success: 97 %					

(272) Blood

A	(1) Visual	>	2	13 - 50 ery/μL	0,65 %
		>>>	39	> 50 ery/μL	13 %
	(2) Reflectance (reader)		4	Negative	1,3 %
		>	21	13 - 50 ery/μL	6,8 %
		>>>	243	> 50 ery/μL	79 %
----- Total per sample: n = 309 -----		Success: 99 %			
B	(1) Visual	>>>	41	Negative	13 %
	(2) Reflectance (reader)		1	Not specified	0,32 %
		>>>	249	Negative	81 %
			11	5 - 12 ery/μL	3,6 %
			3	13 - 50 ery/μL	0,97 %
			4	> 50 ery/μL	1,3 %
----- Total per sample: n = 309 -----		Success: 94 %			
Total success: 94 %					

(273) pH

A	(1) Visual	>	19	7,0	6,1 %
		>>>	12	7,5	3,9 %
		>>>	11	8,0	3,5 %
	(2) Reflectance (reader)		3	5,0	0,96 %
		>	16	6,5	5,1 %
		>	36	7,0	12 %
		>>>	63	7,5	20 %
		>>>	136	8,0	44 %
		>	14	8,5	4,5 %
		>	1	9,0	0,32 %
----- Total per sample: n = 311 -----		Success: 99 %			
B	(1) Visual	>>>	39	5,0	13 %
		>	3	5,5	0,96 %
	(2) Reflectance (reader)	>>>	227	5,0	73 %
		>	29	5,5	9,3 %
		>	9	6,0	2,9 %
			1	6,5	0,32 %
			2	7,5	0,64 %
			1	8,0	0,32 %
----- Total per sample: n = 311 -----		Success: 99 %			
Total success: 99 %					

(274) Nitrite

A	(1) Visual		1	Negative	0,37 %
		>>>	9	Positive	3,3 %
	(2) Reflectance (reader)		4	Negative	1,5 %
		>>>	255	Positive	95 %
----- Total per sample: n = 269 -----		Success: 98 %			
B	(1) Visual	>>>	10	Negative	3,7 %
	(2) Reflectance (reader)	>>>	256	Negative	95 %
			3	Positive	1,1 %
----- Total per sample: n = 269 -----		Success: 99 %			
Total success: 98 %					

(275) hCG

A	(1) Visual	>>>	16	Positive	94 %
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Sample	Group	N	Result	N _{rel}
A	(2) Reflectance (reader)	1	Negative	5,9 %
Total per sample: n = 17		Success: 94 %		
B	(1) Visual	>>> 16	Negative	94 %
	(2) Reflectance (reader)	>>> 1	Negative	5,9 %
Total per sample: n = 17		Success: 100 %		
Total success: 94 %				

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End of report

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