

EQA round: DGP1/22 - Urine Strip Tests Analysis

Deadline: 18.02.2022

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}
(268) Bilirubin				
A	(5) Dialab	>>> 2	Negative	0,67 %
	(12) Beckman Coulter	>>> 6	Negative	2,0 %
	(46) Erba Lachema	>>> 39	Negative	13 %
	(49) BioVendor	>>> 3	Negative	1,0 %
	(60) Roche	>>> 32	Negative	11 %
	(63) Sysmex	>>> 9	Negative	3,0 %
	(109) Axis-Shield	>>> 1	Negative	0,34 %
	(125) DOT Diagnostics	>>> 1	Negative	0,34 %
	(150) Arkray	>>> 34	Negative	11 %
	(161) YD Diagnostics	>>> 2	Negative	0,67 %
	(162) Siemens (Atellica)	>>> 8	Negative	2,7 %
	(179) Siemens	>>> 48	Negative	16 %
	(197) Analyticon	>>> 2	Negative	0,67 %
	(201) Iris Diagnostics	>>> 14	Negative	4,7 %
	(202) Dirui	>>> 70	Negative	23 %
	(207) 77 Elektronika Kft.	>>> 24	Negative	8,1 %
	(999) another manufacturer	>>> 3	Negative	1,0 %
Total per sample: n = 298		Success: 100 %		
B	(5) Dialab	>>> 2	Negative	0,67 %
	(12) Beckman Coulter	>>> 6	Negative	2,0 %
	(46) Erba Lachema	>>> 39	Negative	13 %
	(49) BioVendor	>>> 3	Negative	1,0 %
	(60) Roche	>>> 1	Not specified	0,34 %
		>>> 31	Negative	10 %
	(63) Sysmex	>>> 9	Negative	3,0 %
	(109) Axis-Shield	1	1+, 2+	0,34 %
	(125) DOT Diagnostics	>>> 1	Negative	0,34 %
	(150) Arkray	>>> 34	Negative	11 %
	(161) YD Diagnostics	>>> 2	Negative	0,67 %
	(162) Siemens (Atellica)	>>> 8	Negative	2,7 %
	(179) Siemens	>>> 48	Negative	16 %
	(197) Analyticon	>>> 2	Negative	0,67 %
	(201) Iris Diagnostics	>>> 14	Negative	4,7 %
	(202) Dirui	>>> 70	Negative	23 %
	(207) 77 Elektronika Kft.	>>> 24	Negative	8,1 %
	(999) another manufacturer	>>> 2	Negative	0,67 %
		1	3+, 4+	0,34 %
Total per sample: n = 298		Success: 99 %		
Total success: 99 %				

(264) Total protein

A	(5) Dialab	>>> 2	Negative, < 0,3 g/L	0,66 %
	(12) Beckman Coulter	>>> 6	Negative, < 0,3 g/L	2,0 %
	(46) Erba Lachema	>>> 42	Negative, < 0,3 g/L	14 %
	(49) BioVendor	>>> 3	Negative, < 0,3 g/L	1,0 %
	(60) Roche	>>> 30	Negative, < 0,3 g/L	10 %
		1	0,51 - 2,5 g/L	0,33 %
	(63) Sysmex	>>> 10	Negative, < 0,3 g/L	3,3 %
	(109) Axis-Shield	>>> 1	Negative, < 0,3 g/L	0,33 %
	(125) DOT Diagnostics	>>> 1	Negative, < 0,3 g/L	0,33 %
	(150) Arkray	>>> 34	Negative, < 0,3 g/L	11 %
	(161) YD Diagnostics	>>> 2	Negative, < 0,3 g/L	0,66 %
	(162) Siemens (Atellica)	>>> 9	Negative, < 0,3 g/L	3,0 %
	(179) Siemens	>>> 47	Negative, < 0,3 g/L	16 %
	(197) Analyticon	>>> 2	Negative, < 0,3 g/L	0,66 %
	(201) Iris Diagnostics	>>> 14	Negative, < 0,3 g/L	4,7 %
	(202) Dirui	>>> 70	Negative, < 0,3 g/L	23 %
	(207) 77 Elektronika Kft.	>>> 24	Negative, < 0,3 g/L	8,0 %
	(999) another manufacturer	>>> 3	Negative, < 0,3 g/L	1,0 %
Total per sample: n = 301		Success: 100 %		
B	(5) Dialab	>>> 2	0,51 - 2,5 g/L	0,66 %
	(12) Beckman Coulter	>>> 4	0,3 - 0,5 g/L	1,3 %
		>>> 2	0,51 - 2,5 g/L	0,66 %
	(46) Erba Lachema	>>> 26	0,3 - 0,5 g/L	8,6 %
		>>> 15	0,51 - 2,5 g/L	5,0 %

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: DGP1/22 - Urine Strip Tests Analysis

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Test	Sample	Group	N	Result	N _{rel}
B	(46)	Erba Lachema	> 1	> 2,5 g/L	0,33 %
	(49)	BioVendor	>>> 3	0,3 - 0,5 g/L	1,0 %
	(60)	Roche	2	Negative, < 0,3 g/L	0,66 %
			>>> 8	0,3 - 0,5 g/L	2,7 %
			>>> 20	0,51 - 2,5 g/L	6,6 %
			> 1	> 2,5 g/L	0,33 %
	(63)	Sysmex	>>> 7	0,3 - 0,5 g/L	2,3 %
			>>> 3	0,51 - 2,5 g/L	1,0 %
	(109)	Axis-Shield	> 1	> 2,5 g/L	0,33 %
	(125)	DOT Diagnostics	>>> 1	0,51 - 2,5 g/L	0,33 %
	(150)	Arkray	>>> 28	0,3 - 0,5 g/L	9,3 %
			>>> 6	0,51 - 2,5 g/L	2,0 %
	(161)	YD Diagnostics	1	Negative, < 0,3 g/L	0,33 %
			>>> 1	0,3 - 0,5 g/L	0,33 %
	(162)	Siemens (Atellica)	>>> 1	0,3 - 0,5 g/L	0,33 %
			>>> 8	0,51 - 2,5 g/L	2,7 %
	(179)	Siemens	1	Negative, < 0,3 g/L	0,33 %
			>>> 11	0,3 - 0,5 g/L	3,7 %
			>>> 33	0,51 - 2,5 g/L	11 %
			> 2	> 2,5 g/L	0,66 %
	(197)	Analyticon	>>> 2	0,3 - 0,5 g/L	0,66 %
	(201)	Iris Diagnostics	>>> 10	0,3 - 0,5 g/L	3,3 %
			>>> 4	0,51 - 2,5 g/L	1,3 %
	(202)	Dirui	>>> 29	0,3 - 0,5 g/L	9,6 %
			>>> 37	0,51 - 2,5 g/L	12 %
			> 4	> 2,5 g/L	1,3 %
	(207)	77 Elektronika Kft.	1	Negative, < 0,3 g/L	0,33 %
			>>> 19	0,3 - 0,5 g/L	6,3 %
			>>> 2	0,51 - 2,5 g/L	0,66 %
			> 2	> 2,5 g/L	0,66 %
	(999)	another manufacturer	>>> 1	0,3 - 0,5 g/L	0,33 %
			>>> 2	0,51 - 2,5 g/L	0,66 %
----- Total per sample: n = 301 ----- Success: 98 % -----					
Total success: 98 %					

(261) Glucose

A	(5)	Dialab	>>> 2	Negative, normal, <= 2,8 mmol/L	0,66 %
	(12)	Beckman Coulter	>>> 6	Negative, normal, <= 2,8 mmol/L	2,0 %
	(46)	Erba Lachema	>>> 41	Negative, normal, <= 2,8 mmol/L	14 %
	(49)	BioVendor	>>> 3	Negative, normal, <= 2,8 mmol/L	1,0 %
	(60)	Roche	>>> 31	Negative, normal, <= 2,8 mmol/L	10 %
			1	2,81 - 11 mmol/L	0,33 %
	(63)	Sysmex	>>> 10	Negative, normal, <= 2,8 mmol/L	3,3 %
	(109)	Axis-Shield	>>> 1	Negative, normal, <= 2,8 mmol/L	0,33 %
	(125)	DOT Diagnostics	>>> 1	Negative, normal, <= 2,8 mmol/L	0,33 %
	(150)	Arkray	>>> 34	Negative, normal, <= 2,8 mmol/L	11 %
	(161)	YD Diagnostics	>>> 1	Negative, normal, <= 2,8 mmol/L	0,33 %
			1	2,81 - 11 mmol/L	0,33 %
	(162)	Siemens (Atellica)	>>> 8	Negative, normal, <= 2,8 mmol/L	2,7 %
	(179)	Siemens	>>> 48	Negative, normal, <= 2,8 mmol/L	16 %
	(197)	Analyticon	>>> 2	Negative, normal, <= 2,8 mmol/L	0,66 %
	(201)	Iris Diagnostics	>>> 14	Negative, normal, <= 2,8 mmol/L	4,7 %
	(202)	Dirui	>>> 70	Negative, normal, <= 2,8 mmol/L	23 %
	(207)	77 Elektronika Kft.	>>> 24	Negative, normal, <= 2,8 mmol/L	8,0 %
	(999)	another manufacturer	>>> 3	Negative, normal, <= 2,8 mmol/L	1,0 %
----- Total per sample: n = 301 ----- Success: 99 % -----					
B	(5)	Dialab	>>> 2	11,1 - 28 mmol/L	0,66 %
	(12)	Beckman Coulter	> 1	2,81 - 11 mmol/L	0,33 %
			>>> 4	11,1 - 28 mmol/L	1,3 %
			> 1	> 28 mmol/L	0,33 %
	(46)	Erba Lachema	> 1	2,81 - 11 mmol/L	0,33 %
			>>> 22	11,1 - 28 mmol/L	7,3 %
			> 18	> 28 mmol/L	6,0 %
	(49)	BioVendor	>>> 3	11,1 - 28 mmol/L	1,0 %
	(60)	Roche	2	Negative, normal, <= 2,8 mmol/L	0,66 %
			> 4	2,81 - 11 mmol/L	1,3 %
			>>> 22	11,1 - 28 mmol/L	7,3 %
			> 4	> 28 mmol/L	1,3 %
	(63)	Sysmex	>>> 9	11,1 - 28 mmol/L	3,0 %
			> 1	> 28 mmol/L	0,33 %

Test	Sample	Group	N	Result	N _{rel}
B	(109)	Axis-Shield	>	1 > 28 mmol/L	0,33 %
	(125)	DOT Diagnostics	>	1 > 28 mmol/L	0,33 %
	(150)	Arkray	>	2 2,81 - 11 mmol/L	0,66 %
			>>>	28 11,1 - 28 mmol/L	9,3 %
			>	4 > 28 mmol/L	1,3 %
			>>>	2 11,1 - 28 mmol/L	0,66 %
	(161)	YD Diagnostics	>>>	2 2,81 - 11 mmol/L	0,66 %
	(162)	Siemens (Atellica)	>	5 11,1 - 28 mmol/L	1,7 %
			>	1 > 28 mmol/L	0,33 %
	(179)	Siemens	>	10 2,81 - 11 mmol/L	3,3 %
			>>>	33 11,1 - 28 mmol/L	11 %
			>	5 > 28 mmol/L	1,7 %
	(197)	Analyticon	>>>	1 11,1 - 28 mmol/L	0,33 %
	(201)	Iris Diagnostics	>	1 > 28 mmol/L	0,33 %
			>	6 2,81 - 11 mmol/L	2,0 %
	(202)	Dirui	>>>	8 11,1 - 28 mmol/L	2,7 %
			>	6 2,81 - 11 mmol/L	2,0 %
	(207)	77 Elektronika Kft.	>>>	64 11,1 - 28 mmol/L	21 %
			>>>	16 11,1 - 28 mmol/L	5,3 %
			>	8 > 28 mmol/L	2,7 %
(999)	another manufacturer	>>>	2 11,1 - 28 mmol/L	0,66 %	
		>	1 > 28 mmol/L	0,33 %	
Total per sample: n = 301			Success: 99 %		
Total success: 99 %					

(275) hCG					
A	(5)	Dialab	>>>	3 Negative	21 %
	(17)	Biogema	>>>	4 Negative	29 %
	(32)	Human	>>>	1 Negative	7,1 %
	(115)	BioSystems	>>>	1 Negative	7,1 %
	(179)	Siemens	>>>	1 Negative	7,1 %
	(999)	another manufacturer	>>>	4 Negative	29 %
			Total per sample: n = 14		
B	(5)	Dialab	>>>	3 Negative	21 %
	(17)	Biogema	>>>	4 Negative	29 %
	(32)	Human	>>>	1 Negative	7,1 %
	(115)	BioSystems	>>>	1 Negative	7,1 %
	(179)	Siemens	>>>	1 Negative	7,1 %
	(999)	another manufacturer	>>>	4 Negative	29 %
			Total per sample: n = 14		
Total success: 100 %					

(263) Ketone bodies					
A	(5)	Dialab	>>>	2 Negative, <= 0,5 mmol/L	0,67 %
	(12)	Beckman Coulter	>>>	5 Negative, <= 0,5 mmol/L	1,7 %
	(46)	Erba Lachema	>>>	42 Negative, <= 0,5 mmol/L	14 %
	(49)	BioVendor	>>>	3 Negative, <= 0,5 mmol/L	1,0 %
	(60)	Roche	>>>	31 Negative, <= 0,5 mmol/L	10 %
	(63)	Sysmex	>>>	10 Negative, <= 0,5 mmol/L	3,3 %
	(109)	Axis-Shield	>>>	1 Negative, <= 0,5 mmol/L	0,33 %
	(125)	DOT Diagnostics	>>>	1 Negative, <= 0,5 mmol/L	0,33 %
	(150)	Arkray	>>>	34 Negative, <= 0,5 mmol/L	11 %
	(161)	YD Diagnostics	>>>	2 Negative, <= 0,5 mmol/L	0,67 %
	(162)	Siemens (Atellica)	>>>	8 Negative, <= 0,5 mmol/L	2,7 %
	(179)	Siemens	>>>	47 Negative, <= 0,5 mmol/L	16 %
	(197)	Analyticon	>>>	2 Negative, <= 0,5 mmol/L	0,67 %
	(201)	Iris Diagnostics	>>>	14 Negative, <= 0,5 mmol/L	4,7 %
	(202)	Dirui	>>>	70 Negative, <= 0,5 mmol/L	23 %
	(207)	77 Elektronika Kft.	>>>	24 Negative, <= 0,5 mmol/L	8,0 %
	(999)	another manufacturer	>>>	3 Negative, <= 0,5 mmol/L	1,0 %
Total per sample: n = 299			Success: 100 %		
B	(5)	Dialab	>>>	2 Negative, <= 0,5 mmol/L	0,67 %
	(12)	Beckman Coulter	>>>	5 Negative, <= 0,5 mmol/L	1,7 %
	(46)	Erba Lachema	>>>	42 Negative, <= 0,5 mmol/L	14 %
	(49)	BioVendor	>>>	3 Negative, <= 0,5 mmol/L	1,0 %
	(60)	Roche	>>>	31 Negative, <= 0,5 mmol/L	10 %
	(63)	Sysmex	>>>	10 Negative, <= 0,5 mmol/L	3,3 %
	(109)	Axis-Shield	>>>	1 Negative, <= 0,5 mmol/L	0,33 %
(125)	DOT Diagnostics	>>>	1 Negative, <= 0,5 mmol/L	0,33 %	
(150)	Arkray	>>>	34 Negative, <= 0,5 mmol/L	11 %	

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: DGP1/22 - Urine Strip Tests Analysis

Deadline: 18.02.2022

Test

Sample	Group	N	Result	N _{rel}
B	(161) YD Diagnostics	>>> 2	Negative, <= 0,5 mmol/L	0,67 %
	(162) Siemens (Atellica)	>>> 8	Negative, <= 0,5 mmol/L	2,7 %
	(179) Siemens	>>> 46	Negative, <= 0,5 mmol/L	15 %
		1	1+, 2+	0,33 %
	(197) Analyticon	>>> 2	Negative, <= 0,5 mmol/L	0,67 %
	(201) Iris Diagnostics	>>> 14	Negative, <= 0,5 mmol/L	4,7 %
	(202) Dirui	>>> 70	Negative, <= 0,5 mmol/L	23 %
	(207) 77 Elektronika Kft.	>>> 24	Negative, <= 0,5 mmol/L	8,0 %
	(999) another manufacturer	>>> 3	Negative, <= 0,5 mmol/L	1,0 %
Total per sample: n = 299		Success: 100 %		
Total success: 100 %				

(272) Blood

A	(5) Dialab	>>> 2	Negative	0,66 %
	(12) Beckman Coulter	>>> 6	Negative	2,0 %
	(46) Erba Lachema	>>> 41	Negative	14 %
		1	5 - 12 ery/ μ L	0,33 %
	(49) BioVendor	>>> 3	Negative	1,0 %
	(60) Roche	>>> 29	Negative	9,6 %
		1	5 - 12 ery/ μ L	0,33 %
		1	> 50 ery/ μ L	0,33 %
	(63) Sysmex	>>> 10	Negative	3,3 %
	(109) Axis-Shield	>>> 1	Negative	0,33 %
	(125) DOT Diagnostics	>>> 1	Negative	0,33 %
	(150) Arkray	>>> 34	Negative	11 %
	(161) YD Diagnostics	>>> 2	Negative	0,66 %
	(162) Siemens (Atellica)	>>> 8	Negative	2,7 %
	(179) Siemens	>>> 48	Negative	16 %
	(197) Analyticon	>>> 2	Negative	0,66 %
	(201) Iris Diagnostics	>>> 14	Negative	4,7 %
	(202) Dirui	>>> 70	Negative	23 %
	(207) 77 Elektronika Kft.	>>> 24	Negative	8,0 %
	(999) another manufacturer	>>> 3	Negative	1,0 %
Total per sample: n = 301		Success: 99 %		
B	(5) Dialab	>>> 2	> 50 ery/ μ L	0,66 %
	(12) Beckman Coulter	>>> 6	> 50 ery/ μ L	2,0 %
	(46) Erba Lachema	> 3	13 - 50 ery/ μ L	1,0 %
		>>> 39	> 50 ery/ μ L	13 %
	(49) BioVendor	>>> 3	> 50 ery/ μ L	1,0 %
	(60) Roche	1	Negative	0,33 %
		1	5 - 12 ery/ μ L	0,33 %
		>>> 29	> 50 ery/ μ L	9,6 %
	(63) Sysmex	> 1	13 - 50 ery/ μ L	0,33 %
		>>> 9	> 50 ery/ μ L	3,0 %
	(109) Axis-Shield	>>> 1	> 50 ery/ μ L	0,33 %
	(125) DOT Diagnostics	>>> 1	> 50 ery/ μ L	0,33 %
	(150) Arkray	1	5 - 12 ery/ μ L	0,33 %
		> 3	13 - 50 ery/ μ L	1,0 %
		>>> 30	> 50 ery/ μ L	10 %
	(161) YD Diagnostics	>>> 2	> 50 ery/ μ L	0,66 %
	(162) Siemens (Atellica)	> 1	13 - 50 ery/ μ L	0,33 %
		>>> 7	> 50 ery/ μ L	2,3 %
	(179) Siemens	> 2	13 - 50 ery/ μ L	0,66 %
		>>> 46	> 50 ery/ μ L	15 %
	(197) Analyticon	>>> 2	> 50 ery/ μ L	0,66 %
	(201) Iris Diagnostics	> 4	13 - 50 ery/ μ L	1,3 %
		>>> 10	> 50 ery/ μ L	3,3 %
	(202) Dirui	1	Negative	0,33 %
		> 7	13 - 50 ery/ μ L	2,3 %
		>>> 62	> 50 ery/ μ L	21 %
	(207) 77 Elektronika Kft.	>>> 24	> 50 ery/ μ L	8,0 %
	(999) another manufacturer	> 1	13 - 50 ery/ μ L	0,33 %
		>>> 2	> 50 ery/ μ L	0,66 %
Total per sample: n = 301		Success: 99 %		
Total success: 98 %				

(270) WBC

A	(5) Dialab	>>> 2	Negative	0,75 %
	(12) Beckman Coulter	>>> 6	Negative	2,3 %
	(46) Erba Lachema	>>> 10	Negative	3,8 %

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: DGP1/22 - Urine Strip Tests Analysis

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Test	Sample	Group	N	Result	N _{rel}
A	(49)	BioVendor	>>> 3	Negative	1,1 %
	(60)	Roche	>>> 31	Negative	12 %
	(63)	Sysmex	>>> 10	Negative	3,8 %
	(109)	Axis-Shield	>>> 1	Negative	0,38 %
	(125)	DOT Diagnostics	>>> 1	Negative	0,38 %
	(150)	Arkray	>>> 34	Negative	13 %
	(161)	YD Diagnostics	>>> 1	Negative	0,38 %
	(162)	Siemens (Atellica)	>>> 8	Negative	3,0 %
	(179)	Siemens	>>> 47	Negative	18 %
	(197)	Analyticon	>>> 2	Negative	0,75 %
	(201)	Iris Diagnostics	>>> 12	Negative	4,5 %
	(202)	Dirui	>>> 70	Negative	26 %
	(207)	77 Elektronika Kft.	>>> 24	Negative	9,1 %
	(999)	another manufacturer	>>> 3	Negative	1,1 %
Total per sample: n = 265			Success: 100 %		
B	(5)	Dialab	>>> 2	Negative	0,75 %
	(12)	Beckman Coulter	>>> 6	Negative	2,3 %
	(46)	Erba Lachema	>>> 9	Negative	3,4 %
			1	10 - 50 leu/μL	0,38 %
	(49)	BioVendor	>>> 3	Negative	1,1 %
	(60)	Roche	>>> 30	Negative	11 %
			1	10 - 50 leu/μL	0,38 %
	(63)	Sysmex	>>> 10	Negative	3,8 %
	(109)	Axis-Shield	>>> 1	Negative	0,38 %
	(125)	DOT Diagnostics	>>> 1	Negative	0,38 %
	(150)	Arkray	>>> 34	Negative	13 %
	(161)	YD Diagnostics	>>> 1	Negative	0,38 %
	(162)	Siemens (Atellica)	>>> 8	Negative	3,0 %
	(179)	Siemens	>>> 46	Negative	17 %
			1	10 - 50 leu/μL	0,38 %
	(197)	Analyticon	>>> 2	Negative	0,75 %
	(201)	Iris Diagnostics	>>> 12	Negative	4,5 %
	(202)	Dirui	>>> 69	Negative	26 %
			1	10 - 50 leu/μL	0,38 %
(207)	77 Elektronika Kft.	>>> 24	Negative	9,1 %	
(999)	another manufacturer	>>> 2	Negative	0,75 %	
		1	10 - 50 leu/μL	0,38 %	
Total per sample: n = 265			Success: 98 %		
Total success: 98 %					

(274) Nitrite

A	(5)	Dialab	>>> 2	Negative	0,75 %
	(9)	Bayer	>>> 1	Negative	0,38 %
	(12)	Beckman Coulter	>>> 6	Negative	2,3 %
	(46)	Erba Lachema	>>> 12	Negative	4,5 %
	(49)	BioVendor	>>> 2	Negative	0,75 %
	(60)	Roche	>>> 28	Negative	11 %
			1	Positive	0,38 %
	(63)	Sysmex	>>> 10	Negative	3,8 %
	(109)	Axis-Shield	>>> 1	Negative	0,38 %
	(125)	DOT Diagnostics	>>> 1	Negative	0,38 %
	(150)	Arkray	>>> 34	Negative	13 %
	(161)	YD Diagnostics	>>> 1	Negative	0,38 %
	(162)	Siemens (Atellica)	>>> 8	Negative	3,0 %
	(179)	Siemens	>>> 46	Negative	17 %
			1	Positive	0,38 %
	(197)	Analyticon	>>> 2	Negative	0,75 %
	(201)	Iris Diagnostics	>>> 14	Negative	5,3 %
	(202)	Dirui	>>> 70	Negative	26 %
	(207)	77 Elektronika Kft.	>>> 23	Negative	8,6 %
(999)	another manufacturer	>>> 3	Negative	1,1 %	
Total per sample: n = 266			Success: 99 %		
B	(5)	Dialab	>>> 2	Negative	0,75 %
	(9)	Bayer	>>> 1	Negative	0,38 %
	(12)	Beckman Coulter	>>> 6	Negative	2,3 %
	(46)	Erba Lachema	>>> 12	Negative	4,5 %
	(49)	BioVendor	>>> 2	Negative	0,75 %
	(60)	Roche	>>> 27	Negative	10 %
		2	Positive	0,75 %	

Summary statistics - qualitative results

(Groups: manufacturer of kit)

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Test	Sample	Group	N	Result	N _{rel}
B	(63)	Sysmex	>>> 10	Negative	3,8 %
	(109)	Axis-Shield	>>> 1	Negative	0,38 %
	(125)	DOT Diagnostics	>>> 1	Negative	0,38 %
	(150)	Arkray	>>> 34	Negative	13 %
	(161)	YD Diagnostics	>>> 1	Negative	0,38 %
	(162)	Siemens (Atellica)	>>> 8	Negative	3,0 %
	(179)	Siemens	>>> 47	Negative	18 %
	(197)	Analyticon	>>> 2	Negative	0,75 %
	(201)	Iris Diagnostics	>>> 14	Negative	5,3 %
	(202)	Dirui	>>> 70	Negative	26 %
	(207)	77 Elektronika Kft.	>>> 23	Negative	8,6 %
	(999)	another manufacturer	>>> 3	Negative	1,1 %
Total per sample: n = 266			Success: 99 %		
Total success: 99 %					

(273) pH

A	(5)	Dialab	> 2	6,0	0,66 %
	(12)	Beckman Coulter	>>> 4	5,0	1,3 %
			> 2	5,5	0,66 %
	(46)	Erba Lachema	>>> 42	5,0	14 %
	(49)	BioVendor	>>> 3	5,0	1,0 %
	(60)	Roche	>>> 28	5,0	9,3 %
			> 1	6,0	0,33 %
			2	6,5	0,66 %
	(63)	Sysmex	>>> 10	5,0	3,3 %
	(109)	Axis-Shield	> 1	6,0	0,33 %
	(125)	DOT Diagnostics	>>> 1	5,0	0,33 %
	(150)	Arkray	>>> 34	5,0	11 %
	(161)	YD Diagnostics	>>> 1	5,0	0,33 %
			> 1	5,5	0,33 %
	(162)	Siemens (Atellica)	>>> 8	5,0	2,7 %
	(179)	Siemens	>>> 25	5,0	8,3 %
			> 15	5,5	5,0 %
			> 7	6,0	2,3 %
	(197)	Analyticon	>>> 2	5,0	0,66 %
	(201)	Iris Diagnostics	>>> 5	5,0	1,7 %
			> 5	5,5	1,7 %
			> 4	6,0	1,3 %
	(202)	Dirui	>>> 31	5,0	10 %
			> 39	5,5	13 %
		> 1	6,0	0,33 %	
(207)	77 Elektronika Kft.	>>> 22	5,0	7,3 %	
		> 2	5,5	0,66 %	
(999)	another manufacturer	>>> 3	5,0	1,0 %	
Total per sample: n = 301			Success: 99 %		
B	(5)	Dialab	>>> 2	6,5	0,66 %
	(12)	Beckman Coulter	> 1	6,0	0,33 %
			>>> 5	6,5	1,7 %
	(46)	Erba Lachema	2	5,0	0,66 %
			> 1	5,5	0,33 %
			> 16	6,0	5,3 %
			>>> 20	6,5	6,6 %
			> 3	7,0	1,0 %
	(49)	BioVendor	>>> 3	6,5	1,0 %
	(60)	Roche	1	5,0	0,33 %
			> 1	6,0	0,33 %
			>>> 20	6,5	6,6 %
			> 9	7,0	3,0 %
	(63)	Sysmex	>>> 10	6,5	3,3 %
	(109)	Axis-Shield	> 1	6,0	0,33 %
	(125)	DOT Diagnostics	>>> 1	6,5	0,33 %
	(150)	Arkray	> 1	6,0	0,33 %
			>>> 32	6,5	11 %
			> 1	7,0	0,33 %
	(161)	YD Diagnostics	> 1	6,0	0,33 %
			>>> 1	6,5	0,33 %
	(162)	Siemens (Atellica)	>>> 7	6,5	2,3 %
			> 1	7,0	0,33 %
	(179)	Siemens	> 3	6,0	1,0 %
		>>> 29	6,5	9,6 %	

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: DGP1/22 - Urine Strip Tests Analysis

Deadline: 18.02.2022

Test		N	Result	N _{rel}
Sample	Group			
B	(179) Siemens	> 15	7,0	5,0 %
	(197) Analyticon	> 2	6,0	0,66 %
	(201) Iris Diagnostics	>>> 11	6,5	3,7 %
		> 3	7,0	1,0 %
	(202) Dirui	> 28	6,0	9,3 %
		>>> 41	6,5	14 %
		> 2	7,0	0,66 %
	(207) 77 Elektronika Kft.	> 2	6,0	0,66 %
		>>> 20	6,5	6,6 %
		> 2	7,0	0,66 %
	(999) another manufacturer	> 2	6,0	0,66 %
		> 1	7,0	0,33 %
Total per sample: n = 301		Success: 99 %		
Total success: 99 %				

(266) Urobilinogen

A	(5) Dialab	>>> 2	Negative, < 17 µmol/L	0,67 %
	(12) Beckman Coulter	>>> 6	Negative, < 17 µmol/L	2,0 %
	(46) Erba Lachema	>>> 42	Negative, < 17 µmol/L	14 %
	(49) BioVendor	>>> 3	Negative, < 17 µmol/L	1,0 %
	(60) Roche	>>> 31	Negative, < 17 µmol/L	10 %
	(63) Sysmex	>>> 10	Negative, < 17 µmol/L	3,3 %
	(109) Axis-Shield	>>> 1	Negative, < 17 µmol/L	0,33 %
	(125) DOT Diagnostics	>>> 1	Negative, < 17 µmol/L	0,33 %
	(150) Arkray	>>> 34	Negative, < 17 µmol/L	11 %
	(161) YD Diagnostics	>>> 2	Negative, < 17 µmol/L	0,67 %
	(162) Siemens (Atellica)	>>> 8	Negative, < 17 µmol/L	2,7 %
	(179) Siemens	>>> 48	Negative, < 17 µmol/L	16 %
	(197) Analyticon	>>> 2	Negative, < 17 µmol/L	0,67 %
	(201) Iris Diagnostics	>>> 14	Negative, < 17 µmol/L	4,7 %
	(202) Dirui	>>> 69	Negative, < 17 µmol/L	23 %
	(207) 77 Elektronika Kft.	>>> 24	Negative, < 17 µmol/L	8,0 %
	(999) another manufacturer	>>> 3	Negative, < 17 µmol/L	1,0 %
Total per sample: n = 300		Success: 100 %		
B	(5) Dialab	>>> 2	Negative, < 17 µmol/L	0,67 %
	(12) Beckman Coulter	>>> 6	Negative, < 17 µmol/L	2,0 %
	(46) Erba Lachema	>>> 41	Negative, < 17 µmol/L	14 %
		1	1+, 2+	0,33 %
	(49) BioVendor	>>> 3	Negative, < 17 µmol/L	1,0 %
	(60) Roche	>>> 31	Negative, < 17 µmol/L	10 %
	(63) Sysmex	>>> 10	Negative, < 17 µmol/L	3,3 %
	(109) Axis-Shield	1	1+, 2+	0,33 %
	(125) DOT Diagnostics	>>> 1	Negative, < 17 µmol/L	0,33 %
	(150) Arkray	>>> 34	Negative, < 17 µmol/L	11 %
	(161) YD Diagnostics	>>> 2	Negative, < 17 µmol/L	0,67 %
	(162) Siemens (Atellica)	>>> 8	Negative, < 17 µmol/L	2,7 %
	(179) Siemens	>>> 48	Negative, < 17 µmol/L	16 %
	(197) Analyticon	>>> 2	Negative, < 17 µmol/L	0,67 %
	(201) Iris Diagnostics	>>> 14	Negative, < 17 µmol/L	4,7 %
	(202) Dirui	>>> 69	Negative, < 17 µmol/L	23 %
	(207) 77 Elektronika Kft.	>>> 24	Negative, < 17 µmol/L	8,0 %
	(999) another manufacturer	>>> 3	Negative, < 17 µmol/L	1,0 %
Total per sample: n = 300		Success: 99 %		
Total success: 99 %				