

## EQA round: DGP2/23 - Urine Strip Tests Analysis

Deadline: 19.5.2023

Setup: groups - measuring system

AV = assigned value

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessed

CVP = consensus of all participants

N<sub>rel</sub> = relative number of the resultsN<sub>suc</sub> = number of successful results

CVPG = consensus of the participants' groups

S<sub>rel</sub> = relative success

&gt;&gt;&gt; ... expected result

&gt; ... 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>		58			58	57	98	
<b>Sample A</b>		58			58	57	98	
(0) not specified	CVP >>>	2	3,4	Negative				
(204) Siemens Clinitek Novus	CVP >>>	6	10	Negative				
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Negative				
(208) Siemens Clinitek Status	CVP >>>	3	5,2	Negative				
(210) Erba Lachema UriPHAN	CVP >>>	1	1,7	Negative				
		1	1,7	1+, 2+				
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,9	Negative				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	Negative				
(221) Erba Lachema LAURA	CVP >>>	7	12	Negative				
(223) Iris iChem Velocity	CVP >>>	4	6,9	Negative				
(225) Dirui H-series	CVP >>>	1	1,7	Negative				
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Negative				
(230) Dirui FUS-series	CVP >>>	15	26	Negative				
(998) Manual	CVP >>>	3	5,2	Negative				
(999) another system	CVP >>>	3	5,2	Negative				
<b>Sample B</b>		58			58	58	100	
(0) not specified	CVP >>>	2	3,4	3+, 4+				
(204) Siemens Clinitek Novus	CVP >>>	6	10	3+, 4+				
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	3+, 4+				
(208) Siemens Clinitek Status	CVP >>>	3	5,2	3+, 4+				
(210) Erba Lachema UriPHAN	CVP >>>	2	3,4	3+, 4+				
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,9	3+, 4+				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	3+, 4+				
(221) Erba Lachema LAURA	CVP >>>	7	12	3+, 4+				
(223) Iris iChem Velocity	>	3	5,2	1+, 2+				
	CVP >>>	1	1,7	3+, 4+				
(225) Dirui H-series	CVP >>>	1	1,7	3+, 4+				
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	3+, 4+				
(230) Dirui FUS-series	CVP >>>	15	26	3+, 4+				
(998) Manual	CVP >>>	3	5,2	3+, 4+				
(999) another system	CVP >>>	3	5,2	3+, 4+				
<b>(264) Total protein</b>		60			60	57	95	
<b>Sample A</b>		60			60	60	100	
(0) not specified	CVP >>>	2	3,3	Negative, < 0,3 g/L				
(204) Siemens Clinitek Novus	CVP >>>	6	10	Negative, < 0,3 g/L				
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(208) Siemens Clinitek Status	CVP >>>	3	5	Negative, < 0,3 g/L				
(210) Erba Lachema UriPHAN	CVP >>>	2	3,3	Negative, < 0,3 g/L				
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,7	Negative, < 0,3 g/L				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(221) Erba Lachema LAURA	CVP >>>	7	12	Negative, < 0,3 g/L				
(223) Iris iChem Velocity	CVP >>>	4	6,7	Negative, < 0,3 g/L				
(225) Dirui H-series	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Negative, < 0,3 g/L				
(230) Dirui FUS-series	CVP >>>	14	23	Negative, < 0,3 g/L				
	>	1	1,7	0,3 - 0,5 g/L				
(998) Manual	CVP >>>	3	5	Negative, < 0,3 g/L				
	>	2	3,3	0,3 - 0,5 g/L				
(999) another system	CVP >>>	3	5	Negative, < 0,3 g/L				
<b>Sample B</b>		60			60	57	95	
(0) not specified	CVP >>>	2	3,3	> 2,5 g/L				
(204) Siemens Clinitek Novus	CVP >>>	1	1,7	0,51 - 2,5 g/L				
	CVP >>>	5	8,3	> 2,5 g/L				
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	> 2,5 g/L				
(208) Siemens Clinitek Status	CVP >>>	1	1,7	0,51 - 2,5 g/L				
	CVP >>>	2	3,3	> 2,5 g/L				
(210) Erba Lachema UriPHAN	CVP >>>	2	3,3	0,51 - 2,5 g/L				
(216) Sysmex UC-1000, UC-3500	CVP >>>	3	5	0,51 - 2,5 g/L				
	CVP >>>	1	1,7	> 2,5 g/L				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	0,51 - 2,5 g/L				
(221) Erba Lachema LAURA	CVP >>>	6	10	0,51 - 2,5 g/L				

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Test Sample Group	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Frequency of the results Result	Success		
					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(223) Iris iChem Velocity	CVP >>>	1	1,7	> 2,5 g/L			
	CVP >>>	3	5	0,51 - 2,5 g/L			
	CVP >>>	1	1,7	> 2,5 g/L			
(225) Dirui H-series	CVP >>>	1	1,7	0,51 - 2,5 g/L			
(229) 77 Elektronika LabUMat, LabUMat 2		1	1,7	Negative, < 0,3 g/L			
		1	1,7	0,3 - 0,5 g/L			
	CVP >>>	4	6,7	0,51 - 2,5 g/L			
(230) Dirui FUS-series		1	1,7	0,3 - 0,5 g/L			
	CVP >>>	11	18	0,51 - 2,5 g/L			
	CVP >>>	3	5	> 2,5 g/L			
(998) Manual	CVP >>>	1	1,7	0,51 - 2,5 g/L			
	CVP >>>	4	6,7	> 2,5 g/L			
(999) another system	CVP >>>	1	1,7	0,51 - 2,5 g/L			
	CVP >>>	2	3,3	> 2,5 g/L			
<b>(261) Glucose</b>		60			60	59	98
<b>Sample A</b>		60			60	60	100
(0) not specified	CVP >>>	2	3,3	Negative, normal, <= 2,8 mmol/L			
(204) Siemens Clinitek Novus	CVP >>>	6	10	Negative, normal, <= 2,8 mmol/L			
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
(208) Siemens Clinitek Status	CVP >>>	2	3,3	Negative, normal, <= 2,8 mmol/L			
	>	1	1,7	2,81 - 11 mmol/L			
(210) Erba Lachema UriPHAN	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
	>	1	1,7	2,81 - 11 mmol/L			
(216) Sysmex UC-1000, UC-3500	CVP >>>	3	5	Negative, normal, <= 2,8 mmol/L			
	>	1	1,7	2,81 - 11 mmol/L			
(218) YD Diagnostics URISCAN Pro+	>	1	1,7	2,81 - 11 mmol/L			
(221) Erba Lachema LAURA	CVP >>>	5	8,3	Negative, normal, <= 2,8 mmol/L			
	>	2	3,3	2,81 - 11 mmol/L			
(223) Iris iChem Velocity	CVP >>>	4	6,7	Negative, normal, <= 2,8 mmol/L			
(225) Dirui H-series	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Negative, normal, <= 2,8 mmol/L			
(230) Dirui FUS-series	CVP >>>	11	18	Negative, normal, <= 2,8 mmol/L			
	>	4	6,7	2,81 - 11 mmol/L			
(998) Manual	CVP >>>	2	3,3	Negative, normal, <= 2,8 mmol/L			
	>	3	5	2,81 - 11 mmol/L			
(999) another system	CVP >>>	2	3,3	Negative, normal, <= 2,8 mmol/L			
	>	1	1,7	2,81 - 11 mmol/L			
<b>Sample B</b>		60			60	59	98
(0) not specified	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	1	1,7	> 28 mmol/L			
(204) Siemens Clinitek Novus	>	2	3,3	11,1 - 28 mmol/L			
	CVP >>>	4	6,7	> 28 mmol/L			
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	> 28 mmol/L			
(208) Siemens Clinitek Status	>	2	3,3	11,1 - 28 mmol/L			
	CVP >>>	1	1,7	> 28 mmol/L			
(210) Erba Lachema UriPHAN	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	1	1,7	> 28 mmol/L			
(216) Sysmex UC-1000, UC-3500	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	3	5	> 28 mmol/L			
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	> 28 mmol/L			
(221) Erba Lachema LAURA		1	1,7	2,81 - 11 mmol/L			
	>	5	8,3	11,1 - 28 mmol/L			
	CVP >>>	1	1,7	> 28 mmol/L			
(223) Iris iChem Velocity	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	3	5	> 28 mmol/L			
(225) Dirui H-series	>	1	1,7	11,1 - 28 mmol/L			
(229) 77 Elektronika LabUMat, LabUMat 2	>	2	3,3	11,1 - 28 mmol/L			
	CVP >>>	4	6,7	> 28 mmol/L			
(230) Dirui FUS-series	>	2	3,3	11,1 - 28 mmol/L			
	CVP >>>	13	22	> 28 mmol/L			
(998) Manual	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	4	6,7	> 28 mmol/L			
(999) another system	CVP >>>	3	5	> 28 mmol/L			
<b>(275) hCG</b>		6			6	6	100
<b>Sample A</b>		6			6	6	100
(208) Siemens Clinitek Status	CVP >>>	1	17	Negative			
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	1	17	Negative			
(998) Manual	CVP >>>	3	50	Negative			
(999) another system	CVP >>>	1	17	Negative			

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Test Sample Group	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Frequency of the results		Success			
				Result		N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
<b>Sample B</b>		6					6	6	100
(208) Siemens Clinitek Status	CVP >>>	1	17	Positive					
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	1	17	Positive					
(998) Manual	CVP >>>	3	50	Positive					
(999) another system	CVP >>>	1	17	Positive					
<b>(263) Ketone bodies</b>		60					60	54	90
<b>Sample A</b>		60					60	60	100
(0) not specified		2	3,3	Negative, <= 0,5 mmol/L					
(204) Siemens Clinitek Novus	CVP >>>	6	10	Negative, <= 0,5 mmol/L					
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L					
(208) Siemens Clinitek Status	CVP >>>	3	5	Negative, <= 0,5 mmol/L					
(210) Erba Lachema UriPHAN	CVP >>>	2	3,3	Negative, <= 0,5 mmol/L					
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,7	Negative, <= 0,5 mmol/L					
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L					
(221) Erba Lachema LAURA	CVP >>>	7	12	Negative, <= 0,5 mmol/L					
(223) Iris iChem Velocity	CVP >>>	4	6,7	Negative, <= 0,5 mmol/L					
(225) Dirui H-series	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L					
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Negative, <= 0,5 mmol/L					
(230) Dirui FUS-series	CVP >>>	15	25	Negative, <= 0,5 mmol/L					
(998) Manual	CVP >>>	5	8,3	Negative, <= 0,5 mmol/L					
(999) another system	CVP >>>	3	5	Negative, <= 0,5 mmol/L					
<b>Sample B</b>		60					60	54	90
(0) not specified		1	1,7	Negative, <= 0,5 mmol/L					
	CVP >>>	1	1,7	1+, 2+					
(204) Siemens Clinitek Novus		1	1,7	Negative, <= 0,5 mmol/L					
	CVP >>>	5	8,3	1+, 2+					
(205) Roche cobas u 601 (cobas 6500)	>	1	1,7	3+, 4+					
(208) Siemens Clinitek Status	CVP >>>	2	3,3	1+, 2+					
	>	1	1,7	3+, 4+					
(210) Erba Lachema UriPHAN		1	1,7	Negative, <= 0,5 mmol/L					
	CVP >>>	1	1,7	1+, 2+					
(216) Sysmex UC-1000, UC-3500		2	3,3	Negative, <= 0,5 mmol/L					
	CVP >>>	2	3,3	1+, 2+					
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	1+, 2+					
(221) Erba Lachema LAURA	CVP >>>	6	10	1+, 2+					
	>	1	1,7	3+, 4+					
(223) Iris iChem Velocity	CVP >>>	3	5	1+, 2+					
	>	1	1,7	3+, 4+					
(225) Dirui H-series	CVP >>>	1	1,7	1+, 2+					
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	1+, 2+					
(230) Dirui FUS-series	CVP >>>	6	10	1+, 2+					
	>	9	15	3+, 4+					
(998) Manual	CVP >>>	2	3,3	1+, 2+					
	>	3	5	3+, 4+					
(999) another system		1	1,7	Negative, <= 0,5 mmol/L					
	CVP >>>	2	3,3	1+, 2+					
<b>(272) Blood</b>		60					60	60	100
<b>Sample A</b>		60					60	60	100
(0) not specified	CVP >>>	2	3,3	Negative					
(204) Siemens Clinitek Novus	CVP >>>	6	10	Negative					
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Negative					
(208) Siemens Clinitek Status	CVP >>>	3	5	Negative					
(210) Erba Lachema UriPHAN	CVP >>>	2	3,3	Negative					
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,7	Negative					
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	Negative					
(221) Erba Lachema LAURA	CVP >>>	7	12	Negative					
(223) Iris iChem Velocity	CVP >>>	4	6,7	Negative					
(225) Dirui H-series	CVP >>>	1	1,7	Negative					
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Negative					
(230) Dirui FUS-series	CVP >>>	15	25	Negative					
(998) Manual	CVP >>>	5	8,3	Negative					
(999) another system	CVP >>>	3	5	Negative					
<b>Sample B</b>		60					60	60	100
(0) not specified	CVP >>>	2	3,3	> 50 ery/ $\mu$ L					
(204) Siemens Clinitek Novus	CVP >>>	6	10	> 50 ery/ $\mu$ L					
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	> 50 ery/ $\mu$ L					
(208) Siemens Clinitek Status	CVP >>>	3	5	> 50 ery/ $\mu$ L					
(210) Erba Lachema UriPHAN	>	1	1,7	13 - 50 ery/ $\mu$ L					
	CVP >>>	1	1,7	> 50 ery/ $\mu$ L					

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Test Sample Group	AV	N <sub>tot</sub>	Frequency of the results			Success		
			N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,7	> 50 ery/ $\mu$ L				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	> 50 ery/ $\mu$ L				
(221) Erba Lachema LAURA	CVP >>>	7	12	> 50 ery/ $\mu$ L				
(223) Iris iChem Velocity	CVP >>>	4	6,7	> 50 ery/ $\mu$ L				
(225) Dirui H-series	CVP >>>	1	1,7	> 50 ery/ $\mu$ L				
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	> 50 ery/ $\mu$ L				
(230) Dirui FUS-series	>	4	6,7	13 - 50 ery/ $\mu$ L				
	CVP >>>	11	18	> 50 ery/ $\mu$ L				
(998) Manual	CVP >>>	5	8,3	> 50 ery/ $\mu$ L				
(999) another system	CVP >>>	3	5	> 50 ery/ $\mu$ L				
<b>(270) WBC</b>		55			51	48	94	
<b>Sample A</b>		55			55	53	96	
(0) not specified	CVP >>>	2	3,6	Negative				
(204) Siemens Clinitek Novus	CVP >>>	6	11	Negative				
(208) Siemens Clinitek Status	CVP >>>	3	5,5	Negative				
(210) Erba Lachema UriPHAN	CVP >>>	1	1,8	Negative				
		1	1,8	10 - 50 leu/ $\mu$ L				
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	7,3	Negative				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,8	Negative				
(221) Erba Lachema LAURA	CVP >>>	7	13	Negative				
(223) Iris iChem Velocity	CVP >>>	4	7,3	Negative				
(225) Dirui H-series	CVP >>>	1	1,8	Negative				
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	11	Negative				
(230) Dirui FUS-series	CVP >>>	15	27	Negative				
(998) Manual	CVP >>>	1	1,8	Negative				
(999) another system	CVP >>>	2	3,6	Negative				
		1	1,8	10 - 50 leu/ $\mu$ L				
<b>Sample B</b>		55			51	50	98	
(0) not specified	CVP >>>	2	3,6	51 - 250 leu/ $\mu$ L				
(204) Siemens Clinitek Novus	CVP >>>	6	11	> 250 leu/ $\mu$ L				
(208) Siemens Clinitek Status	CVP >>>	1	1,8	51 - 250 leu/ $\mu$ L				
	CVP >>>	2	3,6	> 250 leu/ $\mu$ L				
(210) Erba Lachema UriPHAN	CVP >>>	1	1,8	51 - 250 leu/ $\mu$ L				
	CVP >>>	1	1,8	> 250 leu/ $\mu$ L				
(216) Sysmex UC-1000, UC-3500		1	1,8	Negative				
	>	2	3,6	10 - 50 leu/ $\mu$ L				
	CVP >>>	1	1,8	51 - 250 leu/ $\mu$ L				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,8	> 250 leu/ $\mu$ L				
(221) Erba Lachema LAURA	CVP >>>	7	13	> 250 leu/ $\mu$ L				
(223) Iris iChem Velocity		3	5,5	Negative				
		1	1,8	51 - 250 leu/ $\mu$ L				
(225) Dirui H-series	CVP >>>	1	1,8	51 - 250 leu/ $\mu$ L				
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	2	3,6	51 - 250 leu/ $\mu$ L				
	CVP >>>	4	7,3	> 250 leu/ $\mu$ L				
(230) Dirui FUS-series	CVP >>>	13	24	51 - 250 leu/ $\mu$ L				
	CVP >>>	2	3,6	> 250 leu/ $\mu$ L				
(998) Manual	CVP >>>	1	1,8	> 250 leu/ $\mu$ L				
(999) another system	CVP >>>	1	1,8	51 - 250 leu/ $\mu$ L				
	CVP >>>	2	3,6	> 250 leu/ $\mu$ L				
<b>(274) Nitrite</b>		58			58	58	100	
<b>Sample A</b>		58			58	58	100	
(0) not specified	CVP >>>	2	3,4	Negative				
(204) Siemens Clinitek Novus	CVP >>>	6	10	Negative				
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Negative				
(208) Siemens Clinitek Status	CVP >>>	3	5,2	Negative				
(210) Erba Lachema UriPHAN	CVP >>>	2	3,4	Negative				
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,9	Negative				
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	Negative				
(221) Erba Lachema LAURA	CVP >>>	7	12	Negative				
(223) Iris iChem Velocity	CVP >>>	4	6,9	Negative				
(225) Dirui H-series	CVP >>>	1	1,7	Negative				
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Negative				
(230) Dirui FUS-series	CVP >>>	15	26	Negative				
(998) Manual	CVP >>>	3	5,2	Negative				
(999) another system	CVP >>>	3	5,2	Negative				
<b>Sample B</b>		58			58	58	100	
(0) not specified	CVP >>>	2	3,4	Positive				
(204) Siemens Clinitek Novus	CVP >>>	6	10	Positive				
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Positive				

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			N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(208) Siemens Clinitek Status	CVP >>>	3	5,2	Positive			
(210) Erba Lachema UriPHAN	CVP >>>	2	3,4	Positive			
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,9	Positive			
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	Positive			
(221) Erba Lachema LAURA	CVP >>>	7	12	Positive			
(223) Iris iChem Velocity	CVP >>>	4	6,9	Positive			
(225) Dirui H-series	CVP >>>	1	1,7	Positive			
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Positive			
(230) Dirui FUS-series	CVP >>>	15	26	Positive			
(998) Manual	CVP >>>	3	5,2	Positive			
(999) another system	CVP >>>	3	5,2	Positive			
<b>(273) pH</b>		60			60	57	95
<b>Sample A</b>		60			60	57	95
(0) not specified		1	1,7	5,0			
	>	1	1,7	6,0			
(202) Arkray Aution MAX / Sysmex UX-2000	CVP >>>	1	1,7	6,5			
(204) Siemens Clinitek Novus	CVP >>>	4	6,7	6,5			
	>	2	3,3	7,0			
(205) Roche cobas u 601 (cobas 6500)		1	1,7	7,0			
(208) Siemens Clinitek Status	CVP >>>	2	3,3	6,5			
	>	1	1,7	7,0			
(210) Erba Lachema UriPHAN		1	1,7	5,0			
	CVP >>>	1	1,7	6,5			
(216) Sysmex UC-1000, UC-3500	CVP >>>	3	5	6,5			
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	6,5			
(221) Erba Lachema LAURA		2	3,3	6,0			
	CVP >>>	5	8,3	6,5			
(223) Iris iChem Velocity	CVP >>>	2	3,3	6,5			
	>	2	3,3	7,0			
(225) Dirui H-series		1	1,7	6,0			
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	6,5			
(230) Dirui FUS-series		8	13	6,0			
	CVP >>>	7	12	6,5			
(998) Manual		1	1,7	5,0			
	>	1	1,7	5,5			
	>	1	1,7	6,0			
	CVP >>>	2	3,3	6,5			
(999) another system		1	1,7	5,5			
	>	2	3,3	6,0			
<b>Sample B</b>		60			60	60	100
(0) not specified	CVP >>>	2	3,3	6,5			
(202) Arkray Aution MAX / Sysmex UX-2000	CVP >>>	1	1,7	7,0			
(204) Siemens Clinitek Novus	CVP >>>	6	10	7,0			
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	7,0			
(208) Siemens Clinitek Status	CVP >>>	1	1,7	6,5			
	CVP >>>	2	3,3	7,0			
(210) Erba Lachema UriPHAN		1	1,7	6,0			
	CVP >>>	1	1,7	7,0			
(216) Sysmex UC-1000, UC-3500	CVP >>>	3	5	7,0			
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	6,5			
(221) Erba Lachema LAURA	CVP >>>	7	12	7,0			
(223) Iris iChem Velocity	CVP >>>	4	6,7	7,0			
(225) Dirui H-series		1	1,7	6,0			
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	5	8,3	6,5			
	CVP >>>	1	1,7	7,0			
(230) Dirui FUS-series	CVP >>>	12	20	6,5			
	CVP >>>	3	5	7,0			
(998) Manual	CVP >>>	1	1,7	6,5			
	CVP >>>	4	6,7	7,0			
(999) another system	CVP >>>	1	1,7	6,5			
	CVP >>>	2	3,3	7,0			
<b>(266) Urobilinogen</b>		60			60	59	98
<b>Sample A</b>		60			60	59	98
(0) not specified	CVP >>>	2	3,3	Negative, < 17 µmol/L			
(204) Siemens Clinitek Novus	CVP >>>	6	10	Negative, < 17 µmol/L			
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	Negative, < 17 µmol/L			
(208) Siemens Clinitek Status	CVP >>>	3	5	Negative, < 17 µmol/L			
(210) Erba Lachema UriPHAN	CVP >>>	2	3,3	Negative, < 17 µmol/L			
(216) Sysmex UC-1000, UC-3500	CVP >>>	4	6,7	Negative, < 17 µmol/L			

## EQA round: DGP2/23 - Urine Strip Tests Analysis

Deadline: 19.5.2023

Setup: groups - measuring system

Test Sample Group	AV	N <sub>tot</sub>	Frequency of the results		Success		
			N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	Negative, < 17 µmol/L			
(221) Erba Lachema LAURA	CVP >>>	7	12	Negative, < 17 µmol/L			
(223) Iris iChem Velocity	CVP >>>	4	6,7	Negative, < 17 µmol/L			
(225) Dirui H-series	CVP >>>	1	1,7	Negative, < 17 µmol/L			
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	Negative, < 17 µmol/L			
(230) Dirui FUS-series	CVP >>>	15	25	Negative, < 17 µmol/L			
(998) Manual	CVP >>>	4	6,7	Negative, < 17 µmol/L			
		1	1,7	1+, 2+			
(999) another system	CVP >>>	3	5	Negative, < 17 µmol/L			
<b>Sample B</b>		60			60	60	100
(0) not specified	CVP >>>	2	3,3	3+, 4+			
(204) Siemens Clinitek Novus	CVP >>>	6	10	1+, 2+			
(205) Roche cobas u 601 (cobas 6500)	CVP >>>	1	1,7	3+, 4+			
(208) Siemens Clinitek Status	CVP >>>	3	5	3+, 4+			
(210) Erba Lachema UriPHAN	CVP >>>	2	3,3	3+, 4+			
(216) Sysmex UC-1000, UC-3500	CVP >>>	3	5	1+, 2+			
	CVP >>>	1	1,7	3+, 4+			
(218) YD Diagnostics URISCAN Pro+	CVP >>>	1	1,7	3+, 4+			
(221) Erba Lachema LAURA	CVP >>>	7	12	3+, 4+			
(223) Iris iChem Velocity	CVP >>>	4	6,7	3+, 4+			
(225) Dirui H-series	CVP >>>	1	1,7	1+, 2+			
(229) 77 Elektronika LabUMat, LabUMat 2	CVP >>>	6	10	3+, 4+			
(230) Dirui FUS-series	CVP >>>	14	23	1+, 2+			
	CVP >>>	1	1,7	3+, 4+			
(998) Manual	CVP >>>	5	8,3	3+, 4+			
(999) another system	CVP >>>	1	1,7	1+, 2+			
	CVP >>>	2	3,3	3+, 4+			