

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

Deadline: 19.5.2023

Setup: groups - manufacturer of kit

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	
(5) Dialab	CVP >>>	1	1,7	Negative				
(12) Beckman Coulter	CVP >>>	3	5,2	Negative				
(18) Cormay	CVP >>>	3	5,2	Negative				
(46) Erba Lachema	CVP >>>	11	19	Negative				
(49) BioVendor	CVP >>>	1	1,7	Negative				
(60) Roche	CVP >>>	1	1,7	Negative				
(63) Sysmex	CVP >>>	4	6,9	Negative				
(109) Axis-Shield	CVP >>>	1	1,7	Negative				
(161) YD Diagnostics	CVP >>>	1	1,7	Negative				
(162) Siemens (Atellica)	CVP >>>	4	6,9	Negative				
(179) Siemens	CVP >>>	5	8,6	Negative				
(201) Iris Diagnostics	CVP >>>	1	1,7	Negative				
(202) Dirui	CVP >>>	16	28	Negative				
(207) 77 Elektronika Kft.	CVP >>>	5	8,6	Negative				
(999) another manufacturer		1	1,7	1+, 2+				
<b>Sample B</b>		58			58	58	100	
(5) Dialab	CVP >>>	1	1,7	3+, 4+				
(12) Beckman Coulter	>	3	5,2	1+, 2+				
(18) Cormay	CVP >>>	3	5,2	3+, 4+				
(46) Erba Lachema	CVP >>>	11	19	3+, 4+				
(49) BioVendor	CVP >>>	1	1,7	3+, 4+				
(60) Roche	CVP >>>	1	1,7	3+, 4+				
(63) Sysmex	CVP >>>	4	6,9	3+, 4+				
(109) Axis-Shield	CVP >>>	1	1,7	3+, 4+				
(161) YD Diagnostics	CVP >>>	1	1,7	3+, 4+				
(162) Siemens (Atellica)	CVP >>>	4	6,9	3+, 4+				
(179) Siemens	CVP >>>	5	8,6	3+, 4+				
(201) Iris Diagnostics	CVP >>>	1	1,7	3+, 4+				
(202) Dirui	CVP >>>	16	28	3+, 4+				
(207) 77 Elektronika Kft.	CVP >>>	5	8,6	3+, 4+				
(999) another manufacturer	CVP >>>	1	1,7	3+, 4+				
<b>(264) Total protein</b>		60			60	57	95	
<b>Sample A</b>		60			60	60	100	
(5) Dialab	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(12) Beckman Coulter	CVP >>>	3	5	Negative, < 0,3 g/L				
(18) Cormay	CVP >>>	3	5	Negative, < 0,3 g/L				
(46) Erba Lachema	CVP >>>	11	18	Negative, < 0,3 g/L				
	>	2	3,3	0,3 - 0,5 g/L				
(49) BioVendor	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(60) Roche	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(63) Sysmex	CVP >>>	4	6,7	Negative, < 0,3 g/L				
(109) Axis-Shield	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(161) YD Diagnostics	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(162) Siemens (Atellica)	CVP >>>	4	6,7	Negative, < 0,3 g/L				
(179) Siemens	CVP >>>	5	8,3	Negative, < 0,3 g/L				
(201) Iris Diagnostics	CVP >>>	1	1,7	Negative, < 0,3 g/L				
(202) Dirui	CVP >>>	15	25	Negative, < 0,3 g/L				
	>	1	1,7	0,3 - 0,5 g/L				
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	Negative, < 0,3 g/L				
(999) another manufacturer	CVP >>>	1	1,7	Negative, < 0,3 g/L				
<b>Sample B</b>		60			60	57	95	
(5) Dialab	CVP >>>	1	1,7	> 2,5 g/L				
(12) Beckman Coulter	CVP >>>	3	5	0,51 - 2,5 g/L				
(18) Cormay	CVP >>>	3	5	> 2,5 g/L				
(46) Erba Lachema	CVP >>>	8	13	0,51 - 2,5 g/L				
	CVP >>>	5	8,3	> 2,5 g/L				
(49) BioVendor		1	1,7	Negative, < 0,3 g/L				
(60) Roche	CVP >>>	1	1,7	> 2,5 g/L				
(63) Sysmex	CVP >>>	3	5	0,51 - 2,5 g/L				
	CVP >>>	1	1,7	> 2,5 g/L				
(109) Axis-Shield	CVP >>>	1	1,7	0,51 - 2,5 g/L				

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Test Sample Group	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	Success		
					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(161) YD Diagnostics	CVP >>>	1	1,7	0,51 - 2,5 g/L			
(162) Siemens (Atellica)	CVP >>>	4	6,7	> 2,5 g/L			
(179) Siemens	CVP >>>	2	3,3	0,51 - 2,5 g/L			
	CVP >>>	3	5	> 2,5 g/L			
(201) Iris Diagnostics	CVP >>>	1	1,7	> 2,5 g/L			
(202) Dirui		1	1,7	0,3 - 0,5 g/L			
	CVP >>>	12	20	0,51 - 2,5 g/L			
	CVP >>>	3	5	> 2,5 g/L			
(207) 77 Elektronika Kft.		1	1,7	0,3 - 0,5 g/L			
	CVP >>>	4	6,7	0,51 - 2,5 g/L			
(999) another manufacturer	CVP >>>	1	1,7	0,51 - 2,5 g/L			
<b>(261) Glucose</b>		<b>60</b>			<b>60</b>	<b>59</b>	<b>98</b>
<b>Sample A</b>		<b>60</b>			<b>60</b>	<b>60</b>	<b>100</b>
(5) Dialab	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
(12) Beckman Coulter	CVP >>>	3	5	Negative, normal, <= 2,8 mmol/L			
(18) Cormay	CVP >>>	3	5	Negative, normal, <= 2,8 mmol/L			
(46) Erba Lachema	CVP >>>	7	12	Negative, normal, <= 2,8 mmol/L			
	>	6	10	2,81 - 11 mmol/L			
(49) BioVendor	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
(60) Roche	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
(63) Sysmex	CVP >>>	3	5	Negative, normal, <= 2,8 mmol/L			
	>	1	1,7	2,81 - 11 mmol/L			
(109) Axis-Shield	>	1	1,7	2,81 - 11 mmol/L			
(161) YD Diagnostics	>	1	1,7	2,81 - 11 mmol/L			
(162) Siemens (Atellica)	CVP >>>	4	6,7	Negative, normal, <= 2,8 mmol/L			
(179) Siemens	CVP >>>	4	6,7	Negative, normal, <= 2,8 mmol/L			
	>	1	1,7	2,81 - 11 mmol/L			
(201) Iris Diagnostics	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
(202) Dirui	CVP >>>	12	20	Negative, normal, <= 2,8 mmol/L			
	>	4	6,7	2,81 - 11 mmol/L			
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	Negative, normal, <= 2,8 mmol/L			
(999) another manufacturer	CVP >>>	1	1,7	Negative, normal, <= 2,8 mmol/L			
<b>Sample B</b>		<b>60</b>			<b>60</b>	<b>59</b>	<b>98</b>
(5) Dialab	CVP >>>	1	1,7	> 28 mmol/L			
(12) Beckman Coulter	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	2	3,3	> 28 mmol/L			
(18) Cormay	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	2	3,3	> 28 mmol/L			
(46) Erba Lachema		1	1,7	2,81 - 11 mmol/L			
	>	7	12	11,1 - 28 mmol/L			
	CVP >>>	5	8,3	> 28 mmol/L			
(49) BioVendor	>	1	1,7	11,1 - 28 mmol/L			
(60) Roche	CVP >>>	1	1,7	> 28 mmol/L			
(63) Sysmex	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	3	5	> 28 mmol/L			
(109) Axis-Shield	CVP >>>	1	1,7	> 28 mmol/L			
(161) YD Diagnostics	CVP >>>	1	1,7	> 28 mmol/L			
(162) Siemens (Atellica)	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	3	5	> 28 mmol/L			
(179) Siemens	>	3	5	11,1 - 28 mmol/L			
	CVP >>>	2	3,3	> 28 mmol/L			
(201) Iris Diagnostics	CVP >>>	1	1,7	> 28 mmol/L			
(202) Dirui	>	3	5	11,1 - 28 mmol/L			
	CVP >>>	13	22	> 28 mmol/L			
(207) 77 Elektronika Kft.	>	1	1,7	11,1 - 28 mmol/L			
	CVP >>>	4	6,7	> 28 mmol/L			
(999) another manufacturer	CVP >>>	1	1,7	> 28 mmol/L			
<b>(275) hCG</b>		<b>6</b>			<b>6</b>	<b>6</b>	<b>100</b>
<b>Sample A</b>		<b>6</b>			<b>6</b>	<b>6</b>	<b>100</b>
(5) Dialab	CVP >>>	1	17	Negative			
(17) Biogema	CVP >>>	1	17	Negative			
(32) Human	CVP >>>	1	17	Negative			
(49) BioVendor	CVP >>>	1	17	Negative			
(179) Siemens	CVP >>>	1	17	Negative			
(202) Dirui	CVP >>>	1	17	Negative			
<b>Sample B</b>		<b>6</b>			<b>6</b>	<b>6</b>	<b>100</b>
(5) Dialab	CVP >>>	1	17	Positive			
(17) Biogema	CVP >>>	1	17	Positive			
(32) Human	CVP >>>	1	17	Positive			

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					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(49) BioVendor	CVP >>>	1	17	Positive			
(179) Siemens	CVP >>>	1	17	Positive			
(202) Dirui	CVP >>>	1	17	Positive			
<b>(263) Ketone bodies</b>		60			60	54	90
<b>Sample A</b>		60			60	60	100
(5) Dialab	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L			
(12) Beckman Coulter	CVP >>>	3	5	Negative, <= 0,5 mmol/L			
(18) Cormay	CVP >>>	3	5	Negative, <= 0,5 mmol/L			
(46) Erba Lachema	CVP >>>	13	22	Negative, <= 0,5 mmol/L			
(49) BioVendor	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L			
(60) Roche	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L			
(63) Sysmex	CVP >>>	4	6,7	Negative, <= 0,5 mmol/L			
(109) Axis-Shield	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L			
(161) YD Diagnostics	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L			
(162) Siemens (Atellica)	CVP >>>	4	6,7	Negative, <= 0,5 mmol/L			
(179) Siemens	CVP >>>	5	8,3	Negative, <= 0,5 mmol/L			
(201) Iris Diagnostics	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L			
(202) Dirui	CVP >>>	16	27	Negative, <= 0,5 mmol/L			
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	Negative, <= 0,5 mmol/L			
(999) another manufacturer	CVP >>>	1	1,7	Negative, <= 0,5 mmol/L			
<b>Sample B</b>		60			60	54	90
(5) Dialab		1	1,7	Negative, <= 0,5 mmol/L			
(12) Beckman Coulter	CVP >>>	3	5	1+, 2+			
(18) Cormay		1	1,7	Negative, <= 0,5 mmol/L			
	CVP >>>	2	3,3	1+, 2+			
(46) Erba Lachema	CVP >>>	9	15	1+, 2+			
	>	4	6,7	3+, 4+			
(49) BioVendor	CVP >>>	1	1,7	1+, 2+			
(60) Roche	>	1	1,7	3+, 4+			
(63) Sysmex		2	3,3	Negative, <= 0,5 mmol/L			
	CVP >>>	2	3,3	1+, 2+			
(109) Axis-Shield	CVP >>>	1	1,7	1+, 2+			
(161) YD Diagnostics	CVP >>>	1	1,7	1+, 2+			
(162) Siemens (Atellica)		1	1,7	Negative, <= 0,5 mmol/L			
	CVP >>>	3	5	1+, 2+			
(179) Siemens	CVP >>>	4	6,7	1+, 2+			
	>	1	1,7	3+, 4+			
(201) Iris Diagnostics	>	1	1,7	3+, 4+			
(202) Dirui	CVP >>>	7	12	1+, 2+			
	>	9	15	3+, 4+			
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	1+, 2+			
(999) another manufacturer		1	1,7	Negative, <= 0,5 mmol/L			
<b>(272) Blood</b>		60			60	60	100
<b>Sample A</b>		60			60	60	100
(5) Dialab	CVP >>>	1	1,7	Negative			
(12) Beckman Coulter	CVP >>>	3	5	Negative			
(18) Cormay	CVP >>>	3	5	Negative			
(46) Erba Lachema	CVP >>>	13	22	Negative			
(49) BioVendor	CVP >>>	1	1,7	Negative			
(60) Roche	CVP >>>	1	1,7	Negative			
(63) Sysmex	CVP >>>	4	6,7	Negative			
(109) Axis-Shield	CVP >>>	1	1,7	Negative			
(161) YD Diagnostics	CVP >>>	1	1,7	Negative			
(162) Siemens (Atellica)	CVP >>>	4	6,7	Negative			
(179) Siemens	CVP >>>	5	8,3	Negative			
(201) Iris Diagnostics	CVP >>>	1	1,7	Negative			
(202) Dirui	CVP >>>	16	27	Negative			
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	Negative			
(999) another manufacturer	CVP >>>	1	1,7	Negative			
<b>Sample B</b>		60			60	60	100
(5) Dialab	CVP >>>	1	1,7	> 50 ery/ $\mu$ L			
(12) Beckman Coulter	CVP >>>	3	5	> 50 ery/ $\mu$ L			
(18) Cormay	CVP >>>	3	5	> 50 ery/ $\mu$ L			
(46) Erba Lachema	CVP >>>	13	22	> 50 ery/ $\mu$ L			
(49) BioVendor	CVP >>>	1	1,7	> 50 ery/ $\mu$ L			
(60) Roche	CVP >>>	1	1,7	> 50 ery/ $\mu$ L			
(63) Sysmex	CVP >>>	4	6,7	> 50 ery/ $\mu$ L			
(109) Axis-Shield	CVP >>>	1	1,7	> 50 ery/ $\mu$ L			
(161) YD Diagnostics	CVP >>>	1	1,7	> 50 ery/ $\mu$ L			

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			N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(162) Siemens (Atellica)	CVP >>>	4	6,7	> 50 ery/μL			
(179) Siemens	CVP >>>	5	8,3	> 50 ery/μL			
(201) Iris Diagnostics	CVP >>>	1	1,7	> 50 ery/μL			
(202) Dirui	>	4	6,7	13 - 50 ery/μL			
	CVP >>>	12	20	> 50 ery/μL			
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	> 50 ery/μL			
(999) another manufacturer	>	1	1,7	13 - 50 ery/μL			
<b>(270) WBC</b>		55			51	48	94
<b>Sample A</b>		55			55	53	96
(5) Dialab	CVP >>>	1	1,8	Negative			
(12) Beckman Coulter	CVP >>>	3	5,5	Negative			
(18) Cormay	CVP >>>	3	5,5	Negative			
(46) Erba Lachema	CVP >>>	9	16	Negative			
(49) BioVendor	CVP >>>	1	1,8	Negative			
(63) Sysmex	CVP >>>	4	7,3	Negative			
(109) Axis-Shield		1	1,8	10 - 50 leu/μL			
(161) YD Diagnostics	CVP >>>	1	1,8	Negative			
(162) Siemens (Atellica)	CVP >>>	4	7,3	Negative			
(179) Siemens	CVP >>>	5	9,1	Negative			
(201) Iris Diagnostics	CVP >>>	1	1,8	Negative			
(202) Dirui	CVP >>>	16	29	Negative			
(207) 77 Elektronika Kft.	CVP >>>	5	9,1	Negative			
(999) another manufacturer		1	1,8	10 - 50 leu/μL			
<b>Sample B</b>		55			51	50	98
(5) Dialab	CVP >>>	1	1,8	> 250 leu/μL			
(12) Beckman Coulter; (223) Iris iChem Velocity	±	3	5,5	Negative			
(18) Cormay	CVP >>>	3	5,5	51 - 250 leu/μL			
(46) Erba Lachema	CVP >>>	9	16	> 250 leu/μL			
(49) BioVendor	CVP >>>	1	1,8	> 250 leu/μL			
(63) Sysmex		1	1,8	Negative			
	>	2	3,6	10 - 50 leu/μL			
	CVP >>>	1	1,8	51 - 250 leu/μL			
(109) Axis-Shield	CVP >>>	1	1,8	> 250 leu/μL			
(161) YD Diagnostics	CVP >>>	1	1,8	> 250 leu/μL			
(162) Siemens (Atellica)	CVP >>>	4	7,3	> 250 leu/μL			
(179) Siemens	CVP >>>	1	1,8	51 - 250 leu/μL			
	CVP >>>	4	7,3	> 250 leu/μL			
(201) Iris Diagnostics; (223) Iris iChem Velocity	±	1	1,8	51 - 250 leu/μL			
(202) Dirui	CVP >>>	14	25	51 - 250 leu/μL			
	CVP >>>	2	3,6	> 250 leu/μL			
(207) 77 Elektronika Kft.	CVP >>>	2	3,6	51 - 250 leu/μL			
	CVP >>>	3	5,5	> 250 leu/μL			
(999) another manufacturer	CVP >>>	1	1,8	51 - 250 leu/μL			
<b>(274) Nitrite</b>		58			58	58	100
<b>Sample A</b>		58			58	58	100
(5) Dialab	CVP >>>	1	1,7	Negative			
(12) Beckman Coulter	CVP >>>	3	5,2	Negative			
(18) Cormay	CVP >>>	3	5,2	Negative			
(46) Erba Lachema	CVP >>>	11	19	Negative			
(49) BioVendor	CVP >>>	1	1,7	Negative			
(60) Roche	CVP >>>	1	1,7	Negative			
(63) Sysmex	CVP >>>	4	6,9	Negative			
(109) Axis-Shield	CVP >>>	1	1,7	Negative			
(161) YD Diagnostics	CVP >>>	1	1,7	Negative			
(162) Siemens (Atellica)	CVP >>>	4	6,9	Negative			
(179) Siemens	CVP >>>	5	8,6	Negative			
(201) Iris Diagnostics	CVP >>>	1	1,7	Negative			
(202) Dirui	CVP >>>	16	28	Negative			
(207) 77 Elektronika Kft.	CVP >>>	5	8,6	Negative			
(999) another manufacturer	CVP >>>	1	1,7	Negative			
<b>Sample B</b>		58			58	58	100
(5) Dialab	CVP >>>	1	1,7	Positive			
(12) Beckman Coulter	CVP >>>	3	5,2	Positive			
(18) Cormay	CVP >>>	3	5,2	Positive			
(46) Erba Lachema	CVP >>>	11	19	Positive			
(49) BioVendor	CVP >>>	1	1,7	Positive			
(60) Roche	CVP >>>	1	1,7	Positive			
(63) Sysmex	CVP >>>	4	6,9	Positive			
(109) Axis-Shield	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> [%]	
(161) YD Diagnostics	CVP >>>	1	1,7	Positive				
(162) Siemens (Atellica)	CVP >>>	4	6,9	Positive				
(179) Siemens	CVP >>>	5	8,6	Positive				
(201) Iris Diagnostics	CVP >>>	1	1,7	Positive				
(202) Dirui	CVP >>>	16	28	Positive				
(207) 77 Elektronika Kft.	CVP >>>	5	8,6	Positive				
(999) another manufacturer	CVP >>>	1	1,7	Positive				
<b>(273) pH</b>		60			60	57	95	
<b>Sample A</b>		60			60	57	95	
(5) Dialab	>	1	1,7	6,0				
(12) Beckman Coulter	CVP >>>	1	1,7	6,5				
	>	2	3,3	7,0				
(18) Cormay		1	1,7	5,0				
	>	1	1,7	5,5				
	>	1	1,7	6,0				
(46) Erba Lachema		1	1,7	5,0				
	>	1	1,7	5,5				
	>	3	5	6,0				
	CVP >>>	8	13	6,5				
(49) BioVendor	CVP >>>	1	1,7	6,5				
(60) Roche	>	1	1,7	7,0				
(63) Sysmex	CVP >>>	4	6,7	6,5				
(109) Axis-Shield	>	1	1,7	6,0				
(161) YD Diagnostics	CVP >>>	1	1,7	6,5				
(162) Siemens (Atellica)	CVP >>>	3	5	6,5				
	>	1	1,7	7,0				
(179) Siemens	CVP >>>	3	5	6,5				
	>	2	3,3	7,0				
(201) Iris Diagnostics	CVP >>>	1	1,7	6,5				
(202) Dirui	>	9	15	6,0				
	CVP >>>	7	12	6,5				
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	6,5				
(999) another manufacturer		1	1,7	5,0				
<b>Sample B</b>		60			60	60	100	
(5) Dialab	CVP >>>	1	1,7	7,0				
(12) Beckman Coulter	CVP >>>	3	5	7,0				
(18) Cormay	CVP >>>	3	5	6,5				
(46) Erba Lachema	CVP >>>	1	1,7	6,5				
	CVP >>>	12	20	7,0				
(49) BioVendor	CVP >>>	1	1,7	6,5				
(60) Roche	CVP >>>	1	1,7	7,0				
(63) Sysmex	CVP >>>	4	6,7	7,0				
(109) Axis-Shield	CVP >>>	1	1,7	7,0				
(161) YD Diagnostics	CVP >>>	1	1,7	6,5				
(162) Siemens (Atellica)	CVP >>>	4	6,7	7,0				
(179) Siemens	CVP >>>	1	1,7	6,5				
	CVP >>>	4	6,7	7,0				
(201) Iris Diagnostics	CVP >>>	1	1,7	7,0				
(202) Dirui	>	1	1,7	6,0				
	CVP >>>	12	20	6,5				
	CVP >>>	3	5	7,0				
(207) 77 Elektronika Kft.	CVP >>>	4	6,7	6,5				
	CVP >>>	1	1,7	7,0				
(999) another manufacturer	>	1	1,7	6,0				
<b>(266) Urobilinogen</b>		60			60	59	98	
<b>Sample A</b>		60			60	59	98	
(5) Dialab	CVP >>>	1	1,7	Negative, < 17 µmol/L				
(12) Beckman Coulter	CVP >>>	3	5	Negative, < 17 µmol/L				
(18) Cormay	CVP >>>	3	5	Negative, < 17 µmol/L				
(46) Erba Lachema	CVP >>>	12	20	Negative, < 17 µmol/L				
		1	1,7	1+, 2+				
(49) BioVendor	CVP >>>	1	1,7	Negative, < 17 µmol/L				
(60) Roche	CVP >>>	1	1,7	Negative, < 17 µmol/L				
(63) Sysmex	CVP >>>	4	6,7	Negative, < 17 µmol/L				
(109) Axis-Shield	CVP >>>	1	1,7	Negative, < 17 µmol/L				
(161) YD Diagnostics	CVP >>>	1	1,7	Negative, < 17 µmol/L				
(162) Siemens (Atellica)	CVP >>>	4	6,7	Negative, < 17 µmol/L				
(179) Siemens	CVP >>>	5	8,3	Negative, < 17 µmol/L				
(201) Iris Diagnostics	CVP >>>	1	1,7	Negative, < 17 µmol/L				

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

Deadline: 19.5.2023

Setup: groups - manufacturer of kit

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> [%]	
(202) Dirui	CVP >>>	16	27	Negative, < 17 µmol/L				
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	Negative, < 17 µmol/L				
(999) another manufacturer	CVP >>>	1	1,7	Negative, < 17 µmol/L				
<b>Sample B</b>		60				60	60	100
(5) Dialab	CVP >>>	1	1,7	1+, 2+				
(12) Beckman Coulter	CVP >>>	3	5	3+, 4+				
(18) Cormay	CVP >>>	3	5	3+, 4+				
(46) Erba Lachema	CVP >>>	13	22	3+, 4+				
(49) BioVendor	CVP >>>	1	1,7	3+, 4+				
(60) Roche	CVP >>>	1	1,7	3+, 4+				
(63) Sysmex	CVP >>>	3	5	1+, 2+				
	CVP >>>	1	1,7	3+, 4+				
(109) Axis-Shield	CVP >>>	1	1,7	3+, 4+				
(161) YD Diagnostics	CVP >>>	1	1,7	3+, 4+				
(162) Siemens (Atellica)	CVP >>>	4	6,7	1+, 2+				
(179) Siemens	CVP >>>	2	3,3	1+, 2+				
	CVP >>>	3	5	3+, 4+				
(201) Iris Diagnostics	CVP >>>	1	1,7	3+, 4+				
(202) Dirui	CVP >>>	15	25	1+, 2+				
	CVP >>>	1	1,7	3+, 4+				
(207) 77 Elektronika Kft.	CVP >>>	5	8,3	3+, 4+				
(999) another manufacturer	CVP >>>	1	1,7	3+, 4+				