

## EQA round: APLA1/24 - Antiphospholipid Antibodies

Deadline: 15.3.2024

Setup: groups - R (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

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

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

&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>(465) anti-β2-glycoprotein 1 screening</b>		13			13	13	100	
<b>Sample A</b>		13			13	13	100	
(5) Dialab	CVP >>>	1	7,7	Negative				
(38) Werfen (IL)	CVP >>>	1	7,7	Negative				
(49) BioVendor	CVP >>>	1	7,7	Negative				
(135) OrgenTec	CVP >>>	8	62	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	15	Negative				
<b>Sample B</b>		13			13	13	100	
(5) Dialab	CVP >>>	1	7,7	Positive				
(38) Werfen (IL)	CVP >>>	1	7,7	Positive				
(49) BioVendor	CVP >>>	1	7,7	Positive				
(135) OrgenTec	CVP >>>	8	62	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	2	15	Positive				
<b>(467) anti-β2-glycoprotein 1 IgG</b>		60			60	59	98	
<b>Sample A</b>		60			60	60	100	
(14) Bio-Rad	CVP >>>	1	1,7	Negative				
(32) Human	CVP >>>	1	1,7	Negative				
(38) Werfen (IL)	CVP >>>	4	6,7	Negative				
(49) BioVendor	CVP >>>	1	1,7	Negative				
(87) Euroimmun	CVP >>>	6	10	Negative				
(135) OrgenTec	CVP >>>	20	33	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	4	6,7	Negative				
(166) Thermo Fisher	CVP >>>	8	13	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,7	Negative				
(211) INOVA Diagnostics	CVP >>>	12	20	Negative				
(999) another manufacturer	CVP >>>	2	3,3	Negative				
<b>Sample B</b>		60			60	59	98	
(14) Bio-Rad	CVP >>>	1	1,7	Positive				
(32) Human		1	1,7	Negative				
(38) Werfen (IL)	CVP >>>	4	6,7	Positive				
(49) BioVendor	CVP >>>	1	1,7	Positive				
(87) Euroimmun	CVP >>>	6	10	Positive				
(135) OrgenTec	CVP >>>	20	33	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	4	6,7	Positive				
(166) Thermo Fisher	CVP >>>	8	13	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,7	Positive				
(211) INOVA Diagnostics	CVP >>>	12	20	Positive				
(999) another manufacturer	CVP >>>	2	3,3	Positive				
<b>(468) anti-β2-glycoprotein 1 IgM</b>		59			59	58	98	
<b>Sample A</b>		59			59	59	100	
(14) Bio-Rad	CVP >>>	1	1,7	Negative				
(32) Human	CVP >>>	1	1,7	Negative				
(38) Werfen (IL)	CVP >>>	4	6,8	Negative				
(49) BioVendor	CVP >>>	1	1,7	Negative				
(87) Euroimmun	CVP >>>	5	8,5	Negative				
(135) OrgenTec	CVP >>>	20	34	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	4	6,8	Negative				
(166) Thermo Fisher	CVP >>>	8	14	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,7	Negative				
(211) INOVA Diagnostics	CVP >>>	12	20	Negative				
(999) another manufacturer	CVP >>>	2	3,4	Negative				
<b>Sample B</b>		59			59	58	98	
(14) Bio-Rad	CVP >>>	1	1,7	Positive				
(32) Human		1	1,7	Negative				
(38) Werfen (IL)	CVP >>>	4	6,8	Positive				
(49) BioVendor	CVP >>>	1	1,7	Positive				
(87) Euroimmun	CVP >>>	5	8,5	Positive				
(135) OrgenTec	CVP >>>	20	34	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	4	6,8	Positive				
(166) Thermo Fisher	CVP >>>	8	14	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,7	Positive				
(211) INOVA Diagnostics	CVP >>>	12	20	Positive				
(999) another manufacturer	CVP >>>	2	3,4	Positive				

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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>(461) anti-cardiolipin screening</b>		15			15	15	100	
<b>Sample A</b>		15			15	15	100	
(0) not specified	CVP >>>	1	6,7	Negative				
(38) Werfen (IL)	CVP >>>	1	6,7	Negative				
(135) OrgenTec	CVP >>>	9	60	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	4	27	Negative				
<b>Sample B</b>		15			15	15	100	
(0) not specified	CVP >>>	1	6,7	Positive				
(38) Werfen (IL)	CVP >>>	1	6,7	Positive				
(135) OrgenTec	CVP >>>	9	60	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	4	27	Positive				
<b>(463) anti-cardiolipin IgG</b>		64			64	64	100	
<b>Sample A</b>		64			64	64	100	
(5) Dialab	CVP >>>	1	1,6	Negative				
(14) Bio-Rad	CVP >>>	1	1,6	Negative				
(32) Human	CVP >>>	1	1,6	Negative				
(38) Werfen (IL)	CVP >>>	4	6,3	Negative				
(49) BioVendor	CVP >>>	2	3,1	Negative				
(87) Euroimmun	CVP >>>	6	9,4	Negative				
(115) BioSystems	CVP >>>	1	1,6	Negative				
(135) OrgenTec	CVP >>>	19	30	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	5	7,8	Negative				
(166) Thermo Fisher	CVP >>>	8	13	Negative				
(183) Immunodiagnostic Systems	CVP >>>	2	3,1	Negative				
(211) INOVA Diagnostics	CVP >>>	12	19	Negative				
(999) another manufacturer	CVP >>>	2	3,1	Negative				
<b>Sample B</b>		64			64	64	100	
(5) Dialab	CVP >>>	1	1,6	Positive				
(14) Bio-Rad	CVP >>>	1	1,6	Positive				
(32) Human	CVP >>>	1	1,6	Positive				
(38) Werfen (IL)	CVP >>>	4	6,3	Positive				
(49) BioVendor	CVP >>>	2	3,1	Positive				
(87) Euroimmun	>	3	4,7	Negative				
	CVP >>>	3	4,7	Positive				
(115) BioSystems	CVP >>>	1	1,6	Positive				
(135) OrgenTec	CVP >>>	19	30	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	5	7,8	Positive				
(166) Thermo Fisher	>	6	9,4	Negative				
	>	1	1,6	Inconclusive result (borderline)				
	CVP >>>	1	1,6	Positive				
(183) Immunodiagnostic Systems	CVP >>>	2	3,1	Positive				
(211) INOVA Diagnostics	CVP >>>	12	19	Positive				
(999) another manufacturer	CVP >>>	2	3,1	Positive				
<b>(464) anti-cardiolipin IgM</b>		63			63	63	100	
<b>Sample A</b>		63			63	63	100	
(5) Dialab	CVP >>>	1	1,6	Negative				
(14) Bio-Rad	CVP >>>	1	1,6	Negative				
(32) Human	CVP >>>	1	1,6	Negative				
(38) Werfen (IL)	CVP >>>	4	6,3	Negative				
(49) BioVendor	CVP >>>	2	3,2	Negative				
(87) Euroimmun	CVP >>>	6	9,5	Negative				
(115) BioSystems	CVP >>>	1	1,6	Negative				
(135) OrgenTec	CVP >>>	19	30	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	5	7,9	Negative				
(166) Thermo Fisher	CVP >>>	8	13	Negative				
(183) Immunodiagnostic Systems	CVP >>>	2	3,2	Negative				
(211) INOVA Diagnostics	CVP >>>	11	17	Negative				
(999) another manufacturer	CVP >>>	2	3,2	Negative				
<b>Sample B</b>		63			63	63	100	
(5) Dialab	CVP >>>	1	1,6	Positive				
(14) Bio-Rad	CVP >>>	1	1,6	Positive				
(32) Human	CVP >>>	1	1,6	Positive				
(38) Werfen (IL)	CVP >>>	4	6,3	Positive				
(49) BioVendor	CVP >>>	2	3,2	Positive				
(87) Euroimmun	CVP >>>	6	9,5	Positive				
(115) BioSystems	CVP >>>	1	1,6	Positive				
(135) OrgenTec	CVP >>>	19	30	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	5	7,9	Positive				
(166) Thermo Fisher	CVP >>>	8	13	Positive				

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(183) Immunodiagnostic Systems	CVP >>>	2	3,2	Positive			
(211) INOVA Diagnostics	CVP >>>	11	17	Positive			
(999) another manufacturer	CVP >>>	2	3,2	Positive			