Summary statistics - qualitative results

EQA round: APLA2/26 - Antiphospholipid Antibodies

Deadline: 25.9.2026

Setup: groups - R (manufacturer of kit)

AV = assigned value
CVP = consensus of all participants
CVPG = consensus of the participants' groups
>>> ... expected result
> ... acceptable result
± ... result not assessed

N_{tot} = total number of the results
N_{rel} = relative number of the results

N_{eva} = number of the results assessed
N_{suc} = number of successful results
S_{rel} = relative success

Test / Sample / Group	AV		N_{tot}	N_{rel} [%]	Result	Success N_{eva}	N_{suc}	S_{rel} [%]
(465) **anti-β2-glycoprotein 1 screening**			10			0		
Sample A			10			10	10	100
(38) Werfen (IL)	CVP	>>>	1	10	Negative			
(49) BioVendor	CVP	>>>	1	10	Negative			
(135) OrgenTec	CVP	>>>	6	60	Negative			
(148) Aesku.lab Diagnostika	CVP	>>>	2	20	Negative			
Sample B			10			0		
(38) Werfen (IL)		±	1	10	Positive			
(49) BioVendor		±	1	10	Negative			
(135) OrgenTec		±	1	10	Negative			
		±	2	20	Inconclusive result (borderline)			
		±	3	30	Positive			
(148) Aesku.lab Diagnostika		±	2	20	Positive			
(467) **anti-β2-glycoprotein 1 IgG**			60			60	59	98
Sample A			60			60	60	100
(34) Sebia	CVP	>>>	5	8,3	Negative			
(38) Werfen (IL)	CVP	>>>	6	10	Negative			
(49) BioVendor	CVP	>>>	1	1,7	Negative			
(87) Euroimmun	CVP	>>>	7	12	Negative			
(115) BioSystems	CVP	>>>	1	1,7	Negative			
(135) OrgenTec	CVP	>>>	15	25	Negative			
(140) TestLine	CVP	>>>	1	1,7	Negative			
(148) Aesku.lab Diagnostika	CVP	>>>	2	3,3	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	>>>	1	1,7	Negative			
Sample B			60			60	59	98
(34) Sebia	CVP	>>>	5	8,3	Negative			
(38) Werfen (IL)	CVP	>>>	5	8,3	Negative			
			1	1,7	Inconclusive result (borderline)			
(49) BioVendor	CVP	>>>	1	1,7	Negative			
(87) Euroimmun	CVP	>>>	7	12	Negative			
(115) BioSystems	CVP	>>>	1	1,7	Negative			
(135) OrgenTec	CVP	>>>	15	25	Negative			
(140) TestLine	CVP	>>>	1	1,7	Negative			
(148) Aesku.lab Diagnostika	CVP	>>>	2	3,3	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	>>>	1	1,7	Negative			
(468) **anti-β2-glycoprotein 1 IgM**			59			59	57	97
Sample A			59			59	59	100
(34) Sebia	CVP	>>>	5	8,5	Negative			
(38) Werfen (IL)	CVP	>>>	6	10	Negative			
(49) BioVendor	CVP	>>>	1	1,7	Negative			
(87) Euroimmun	CVP	>>>	6	10	Negative			
(115) BioSystems	CVP	>>>	1	1,7	Negative			
(135) OrgenTec	CVP	>>>	15	25	Negative			
(140) TestLine	CVP	>>>	1	1,7	Negative			
(148) Aesku.lab Diagnostika	CVP	>>>	2	3,4	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	>>>	1	1,7	Negative			
Sample B			59			59	57	97
(34) Sebia	CVP	>>>	5	8,5	Positive			
(38) Werfen (IL)	CVP	>>>	6	10	Positive			
(49) BioVendor	CVP	>>>	1	1,7	Positive			
(87) Euroimmun	CVP	>>>	6	10	Positive			
(115) BioSystems	CVP	>>>	1	1,7	Positive			
(135) OrgenTec			1	1,7	Negative			
	CVP	>>>	14	24	Positive			

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Setup: groups - R (manufacturer of kit)

Test / Sample / Group	AV	N_{tot}	N_{rel} [%]	Result	Success N_{eva}	Success N_{suc}	Success S_{rel} [%]
(140) TestLine		1	1,7	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	2	3,4	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 >>>	1	1,7	Positive			
(461) **anti-cardiolipin screening**		12			12	12	100
Sample A		12			12	12	100
(34) Sebia	CVP >>>	2	17	Negative			
(38) Werfen (IL)	CVP >>>	1	8,3	Negative			
(135) OrgenTec	CVP >>>	6	50	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	3	25	Negative			
Sample B		12			12	12	100
(34) Sebia	CVP >>>	2	17	Positive			
(38) Werfen (IL)	CVP >>>	1	8,3	Positive			
(135) OrgenTec	CVP >>>	6	50	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	3	25	Positive			
(463) **anti-cardiolipin IgG**		63			63	63	100
Sample A		63			63	63	100
(34) Sebia	CVP >>>	5	7,9	Negative			
(38) Werfen (IL)	CVP >>>	7	11	Negative			
(49) BioVendor	CVP >>>	2	3,2	Negative			
(87) Euroimmun	CVP >>>	7	11	Negative			
(115) BioSystems	CVP >>>	1	1,6	Negative			
(135) OrgenTec	CVP >>>	16	25	Negative			
(140) TestLine	CVP >>>	1	1,6	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	3	4,8	Negative			
(166) Thermo Fisher	CVP >>>	8	13	Negative			
(183) Immunodiagnostic Systems	CVP >>>	1	1,6	Negative			
(211) INOVA Diagnostics	CVP >>>	11	17	Negative			
(999) another manufacturer	CVP >>>	1	1,6	Negative			
Sample B		63			63	63	100
(34) Sebia	CVP >>>	5	7,9	Negative			
(38) Werfen (IL)	CVP >>>	7	11	Negative			
(49) BioVendor	CVP >>>	2	3,2	Negative			
(87) Euroimmun	CVP >>>	7	11	Negative			
(115) BioSystems	CVP >>>	1	1,6	Negative			
(135) OrgenTec	CVP >>>	16	25	Negative			
(140) TestLine	CVP >>>	1	1,6	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	3	4,8	Negative			
(166) Thermo Fisher	CVP >>>	8	13	Negative			
(183) Immunodiagnostic Systems	CVP >>>	1	1,6	Negative			
(211) INOVA Diagnostics	CVP >>>	11	17	Negative			
(999) another manufacturer	CVP >>>	1	1,6	Negative			
(464) **anti-cardiolipin IgM**		63			55	52	95
Sample A		63			63	63	100
(34) Sebia	CVP >>>	4	6,3	Negative			
(38) Werfen (IL)	CVP >>>	7	11	Negative			
(49) BioVendor	CVP >>>	2	3,2	Negative			
(87) Euroimmun	CVP >>>	7	11	Negative			
(115) BioSystems	CVP >>>	1	1,6	Negative			
(135) OrgenTec	CVP >>>	17	27	Negative			
(140) TestLine	CVP >>>	1	1,6	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	3	4,8	Negative			
(166) Thermo Fisher	CVP >>>	8	13	Negative			
(183) Immunodiagnostic Systems	CVP >>>	1	1,6	Negative			
(211) INOVA Diagnostics	CVP >>>	11	17	Negative			
(999) another manufacturer	CVP >>>	1	1,6	Negative			
Sample B		63			55	52	95
(34) Sebia	CVP >>>	4	6,3	Positive			
(38) Werfen (IL)	CVP >>>	7	11	Positive			
(49) BioVendor		1	1,6	Negative			
	CVP >>>	1	1,6	Positive			
(87) Euroimmun		2	3,2	Negative			
	CVP >>>	5	7,9	Positive			
(115) BioSystems	CVP >>>	1	1,6	Positive			
(135) OrgenTec	CVP >>>	17	27	Positive			
(140) TestLine	CVP >>>	1	1,6	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	3	4,8	Positive			

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Setup: groups - R (manufacturer of kit)

Test / Sample / Group		AV	N_{tot}	N_{rel} [%]	Result	Success N_{eva}	Success N_{suc}	Success S_{rel} [%]
(166) Thermo Fisher		±	5	7,9	Inconclusive result (borderline)			
		±	3	4,8	Positive			
(183) Immunodiagnostic Systems	CVP	>>>	1	1,6	Positive			
(211) INOVA Diagnostics	CVP	>>>	11	17	Positive			
(999) another manufacturer	CVP	>>>	1	1,6	Positive			