

EQA round: AIH1/23 - Autoimmune Liver Diseases

Deadline: 10.3.2023

Setup: groups - manufacturer of kit

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

CVP = consensus of all participants

N_{rel} = relative number of the resultsN_{suc} = number of successful results

>>> ... expected result

S_{rel} = relative success

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(451) AMA		53			53	52	98
Sample A		53			53	52	98
(52) Dynex	CVP >>>	1	1,9	Positive			
(87) Euroimmun		1	1,9	Negative			
	CVP >>>	26	49	Positive			
(115) BioSystems	CVP >>>	5	9,4	Positive			
(142) Immco Diagnostics	CVP >>>	1	1,9	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	3	5,7	Positive			
(211) INOVA Diagnostics	CVP >>>	15	28	Positive			
(999) another manufacturer	CVP >>>	1	1,9	Positive			
Sample B		53			53	53	100
(52) Dynex	CVP >>>	1	1,9	Negative			
(87) Euroimmun	CVP >>>	27	51	Negative			
(115) BioSystems	CVP >>>	5	9,4	Negative			
(142) Immco Diagnostics	CVP >>>	1	1,9	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	3	5,7	Negative			
(211) INOVA Diagnostics	CVP >>>	15	28	Negative			
(999) another manufacturer	CVP >>>	1	1,9	Negative			
(456) AMA-M2		63			63	62	98
Sample A		63			63	63	100
(2) GA Generic Assays	CVP >>>	5	7,9	Positive			
(49) BioVendor	CVP >>>	1	1,6	Positive			
(52) Dynex	CVP >>>	2	3,2	Positive			
(87) Euroimmun	CVP >>>	29	46	Positive			
(135) OrgenTec	CVP >>>	6	9,5	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	1	1,6	Positive			
(166) Thermo Fisher	CVP >>>	3	4,8	Positive			
(191) D-tek	CVP >>>	13	21	Positive			
(999) another manufacturer	CVP >>>	3	4,8	Positive			
Sample B		63			63	62	98
(2) GA Generic Assays	CVP >>>	5	7,9	Negative			
(49) BioVendor	CVP >>>	1	1,6	Negative			
(52) Dynex	CVP >>>	1	1,6	Negative			
		1	1,6	Positive			
(87) Euroimmun	CVP >>>	29	46	Negative			
(135) OrgenTec	CVP >>>	6	9,5	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	1	1,6	Negative			
(166) Thermo Fisher	CVP >>>	3	4,8	Negative			
(191) D-tek	CVP >>>	13	21	Negative			
(999) another manufacturer	CVP >>>	3	4,8	Negative			
(454) anti-gp210		49			49	49	100
Sample A		49			49	49	100
(2) GA Generic Assays	CVP >>>	5	10	Positive			
(49) BioVendor	CVP >>>	1	2	Positive			
(52) Dynex	CVP >>>	1	2	Positive			
(87) Euroimmun	CVP >>>	26	53	Positive			
(135) OrgenTec	CVP >>>	3	6,1	Positive			
(191) D-tek	CVP >>>	11	22	Positive			
(999) another manufacturer	CVP >>>	2	4,1	Positive			
Sample B		49			49	49	100
(2) GA Generic Assays	CVP >>>	5	10	Negative			
(49) BioVendor	CVP >>>	1	2	Negative			
(52) Dynex	CVP >>>	1	2	Negative			
(87) Euroimmun	CVP >>>	26	53	Negative			
(135) OrgenTec	CVP >>>	3	6,1	Negative			
(191) D-tek	CVP >>>	11	22	Negative			
(999) another manufacturer	CVP >>>	2	4,1	Negative			
(457) anti-LC-1		58			58	58	100
Sample A		58			58	58	100
(2) GA Generic Assays	CVP >>>	5	8,6	Negative			
(49) BioVendor	CVP >>>	1	1,7	Negative			
(52) Dynex	CVP >>>	1	1,7	Negative			
(87) Euroimmun	CVP >>>	31	53	Negative			
(135) OrgenTec	CVP >>>	2	3,4	Negative			

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			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(148) Aesku.lab Diagnostika	CVP >>>	2	3,4	Negative				
(191) D-tek	CVP >>>	14	24	Negative				
(999) another manufacturer	CVP >>>	2	3,4	Negative				
Sample B		58			58	58	100	
(2) GA Generic Assays	CVP >>>	5	8,6	Negative				
(49) BioVendor	CVP >>>	1	1,7	Negative				
(52) Dynex	CVP >>>	1	1,7	Negative				
(87) Euroimmun	CVP >>>	31	53	Negative				
(135) OrgenTec	CVP >>>	2	3,4	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	3,4	Negative				
(191) D-tek	CVP >>>	14	24	Negative				
(999) another manufacturer	CVP >>>	2	3,4	Negative				
(452) anti-LKM		46			46	45	98	
Sample A		46			46	46	100	
(87) Euroimmun	CVP >>>	24	52	Negative				
(115) BioSystems	CVP >>>	5	11	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	1	2,2	Negative				
(211) INOVA Diagnostics	CVP >>>	15	33	Negative				
(998) home-made	CVP >>>	1	2,2	Negative				
Sample B		46			46	45	98	
(87) Euroimmun	CVP >>>	23	50	Negative				
		1	2,2	Positive				
(115) BioSystems	CVP >>>	5	11	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	1	2,2	Negative				
(211) INOVA Diagnostics	CVP >>>	15	33	Negative				
(998) home-made	CVP >>>	1	2,2	Negative				
(455) anti-LKM1		62			62	62	100	
Sample A		62			62	62	100	
(2) GA Generic Assays	CVP >>>	5	8,1	Negative				
(49) BioVendor	CVP >>>	1	1,6	Negative				
(52) Dynex	CVP >>>	1	1,6	Negative				
(87) Euroimmun	CVP >>>	29	47	Negative				
(135) OrgenTec	CVP >>>	7	11	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	3,2	Negative				
(166) Thermo Fisher	CVP >>>	1	1,6	Negative				
(191) D-tek	CVP >>>	12	19	Negative				
(211) INOVA Diagnostics	CVP >>>	1	1,6	Negative				
(999) another manufacturer	CVP >>>	3	4,8	Negative				
Sample B		62			62	62	100	
(2) GA Generic Assays	CVP >>>	5	8,1	Negative				
(49) BioVendor	CVP >>>	1	1,6	Negative				
(52) Dynex	CVP >>>	1	1,6	Negative				
(87) Euroimmun	CVP >>>	29	47	Negative				
(135) OrgenTec	CVP >>>	7	11	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	3,2	Negative				
(166) Thermo Fisher	CVP >>>	1	1,6	Negative				
(191) D-tek	CVP >>>	12	19	Negative				
(211) INOVA Diagnostics	CVP >>>	1	1,6	Negative				
(999) another manufacturer	CVP >>>	3	4,8	Negative				
(458) anti-SLA		60			60	60	100	
Sample A		60			60	60	100	
(2) GA Generic Assays	CVP >>>	5	8,3	Negative				
(49) BioVendor	CVP >>>	1	1,7	Negative				
(52) Dynex	CVP >>>	1	1,7	Negative				
(87) Euroimmun	CVP >>>	29	48	Negative				
(135) OrgenTec	CVP >>>	5	8,3	Negative				
(147) AIDA	CVP >>>	1	1,7	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	3,3	Negative				
(191) D-tek	CVP >>>	14	23	Negative				
(999) another manufacturer	CVP >>>	2	3,3	Negative				
Sample B		60			60	60	100	
(2) GA Generic Assays	CVP >>>	5	8,3	Negative				
(49) BioVendor	CVP >>>	1	1,7	Negative				
(52) Dynex	CVP >>>	1	1,7	Negative				
(87) Euroimmun	CVP >>>	29	48	Negative				
(135) OrgenTec	CVP >>>	5	8,3	Negative				
(147) AIDA	CVP >>>	1	1,7	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	3,3	Negative				
(191) D-tek	CVP >>>	14	23	Negative				

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(999) another manufacturer	CVP >>>	2	3,3	Negative			
(459) anti-sp100		49					0
Sample A		49					0
(2) GA Generic Assays	±	3	6,1	Inconclusive result (borderline)			
	±	2	4,1	Positive			
(49) BioVendor	±	1	2	Inconclusive result (borderline)			
(52) Dynex	±	1	2	Positive			
(87) Euroimmun	±	5	10	Negative			
	±	4	8,2	Inconclusive result (borderline)			
	±	17	35	Positive			
(135) OrgenTec	±	3	6,1	Positive			
(191) D-tek	±	5	10	Negative			
	±	3	6,1	Inconclusive result (borderline)			
	±	3	6,1	Positive			
(999) another manufacturer	±	2	4,1	Inconclusive result (borderline)			
Sample B		49					0
(2) GA Generic Assays	±	4	8,2	Negative			
	±	1	2	Inconclusive result (borderline)			
(49) BioVendor	±	1	2	Negative			
(52) Dynex	±	1	2	Inconclusive result (borderline)			
(87) Euroimmun	±	18	37	Negative			
	±	4	8,2	Inconclusive result (borderline)			
	±	4	8,2	Positive			
(135) OrgenTec	±	2	4,1	Negative			
	±	1	2	Inconclusive result (borderline)			
(191) D-tek	±	11	22	Negative			
(999) another manufacturer	±	2	4,1	Negative			
(453) SMA		54			54	54	100
Sample A		54			54	54	100
(87) Euroimmun	CVP >>>	29	54	Negative			
(115) BioSystems	CVP >>>	5	9,3	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	1	1,9	Negative			
(191) D-tek	CVP >>>	1	1,9	Negative			
(211) INOVA Diagnostics	CVP >>>	16	30	Negative			
(998) home-made	CVP >>>	1	1,9	Negative			
(999) another manufacturer	CVP >>>	1	1,9	Negative			
Sample B		54			54	54	100
(87) Euroimmun	CVP >>>	29	54	Negative			
(115) BioSystems	CVP >>>	5	9,3	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	1	1,9	Negative			
(191) D-tek	CVP >>>	1	1,9	Negative			
(211) INOVA Diagnostics	CVP >>>	16	30	Negative			
(998) home-made	CVP >>>	1	1,9	Negative			
(999) another manufacturer	CVP >>>	1	1,9	Negative			