

EQA round: AIH2/23 - Autoimmune Liver Diseases

Deadline: 20.10.2023

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		52			52	51	98	
Sample A		52			52	52	100	
(52) Dynex	CVP >>>	1	1,9	Negative				
(87) Euroimmun	CVP >>>	28	54	Negative				
(115) BioSystems	CVP >>>	5	9,6	Negative				
(142) Immco Diagnostics	CVP >>>	1	1,9	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	3,8	Negative				
(211) INOVA Diagnostics	CVP >>>	14	27	Negative				
(999) another manufacturer	CVP >>>	1	1,9	Negative				
Sample B		52			52	51	98	
(52) Dynex		1	1,9	Negative				
(87) Euroimmun	CVP >>>	28	54	Positive				
(115) BioSystems	CVP >>>	5	9,6	Positive				
(142) Immco Diagnostics	CVP >>>	1	1,9	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	2	3,8	Positive				
(211) INOVA Diagnostics	CVP >>>	14	27	Positive				
(999) another manufacturer	CVP >>>	1	1,9	Positive				
(456) AMA-M2		62			62	62	100	
Sample A		62			62	62	100	
(2) GA Generic Assays	CVP >>>	3	4,8	Negative				
(49) BioVendor	CVP >>>	1	1,6	Negative				
(52) Dynex	CVP >>>	2	3,2	Negative				
(87) Euroimmun	CVP >>>	30	48	Negative				
(135) OrgenTec	CVP >>>	5	8,1	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	1	1,6	Negative				
(166) Thermo Fisher	CVP >>>	3	4,8	Negative				
(191) D-tek	CVP >>>	14	23	Negative				
(999) another manufacturer	CVP >>>	3	4,8	Negative				
Sample B		62			62	62	100	
(2) GA Generic Assays	CVP >>>	3	4,8	Positive				
(49) BioVendor	CVP >>>	1	1,6	Positive				
(52) Dynex	CVP >>>	2	3,2	Positive				
(87) Euroimmun	CVP >>>	30	48	Positive				
(135) OrgenTec	CVP >>>	5	8,1	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	1	1,6	Positive				
(166) Thermo Fisher	CVP >>>	3	4,8	Positive				
(191) D-tek	CVP >>>	14	23	Positive				
(999) another manufacturer	CVP >>>	3	4,8	Positive				
(454) anti-gp210		51			51	48	94	
Sample A		51			51	50	98	
(2) GA Generic Assays	CVP >>>	3	5,9	Negative				
(49) BioVendor	CVP >>>	1	2	Negative				
(52) Dynex	CVP >>>	2	3,9	Negative				
(87) Euroimmun	CVP >>>	28	55	Negative				
		1	2	Inconclusive result (borderline)				
(135) OrgenTec	CVP >>>	3	5,9	Negative				
(191) D-tek	CVP >>>	11	22	Negative				
(999) another manufacturer	CVP >>>	2	3,9	Negative				
Sample B		51			51	48	94	
(2) GA Generic Assays	CVP >>>	3	5,9	Negative				
(49) BioVendor	CVP >>>	1	2	Negative				
(52) Dynex	CVP >>>	1	2	Negative				
		1	2	Inconclusive result (borderline)				
(87) Euroimmun	CVP >>>	27	53	Negative				
		2	3,9	Inconclusive result (borderline)				
(135) OrgenTec	CVP >>>	3	5,9	Negative				
(191) D-tek	CVP >>>	11	22	Negative				
(999) another manufacturer	CVP >>>	2	3,9	Negative				
(457) anti-LC-1		59			59	59	100	
Sample A		59			59	59	100	
(2) GA Generic Assays	CVP >>>	3	5,1	Negative				
(49) BioVendor	CVP >>>	1	1,7	Negative				
(52) Dynex	CVP >>>	2	3,4	Negative				
(87) Euroimmun	CVP >>>	33	56	Negative				

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Test Sample Group	AV	N _{tot}	Frequency of the results		Success		
			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(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			
Sample B		59			59	59	100
(2) GA Generic Assays	CVP >>>	3	5,1	Negative			
(49) BioVendor	CVP >>>	1	1,7	Negative			
(52) Dynex	CVP >>>	2	3,4	Negative			
(87) Euroimmun	CVP >>>	33	56	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		47			47	46	98
Sample A		47			47	47	100
(87) Euroimmun	CVP >>>	24	51	Negative			
(115) BioSystems	CVP >>>	5	11	Negative			
(135) OrgenTec	CVP >>>	1	2,1	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	1	2,1	Negative			
(211) INOVA Diagnostics	CVP >>>	15	32	Negative			
(998) home-made	CVP >>>	1	2,1	Negative			
Sample B		47			47	46	98
(87) Euroimmun	CVP >>>	23	49	Negative			
		1	2,1	Inconclusive result (borderline)			
(115) BioSystems	CVP >>>	5	11	Negative			
(135) OrgenTec	CVP >>>	1	2,1	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	1	2,1	Negative			
(211) INOVA Diagnostics	CVP >>>	15	32	Negative			
(998) home-made	CVP >>>	1	2,1	Negative			
(455) anti-LKM1		62			62	62	100
Sample A		62			62	62	100
(2) GA Generic Assays	CVP >>>	3	4,8	Negative			
(49) BioVendor	CVP >>>	1	1,6	Negative			
(52) Dynex	CVP >>>	2	3,2	Negative			
(87) Euroimmun	CVP >>>	30	48	Negative			
(135) OrgenTec	CVP >>>	5	8,1	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	2	3,2	Negative			
(166) Thermo Fisher	CVP >>>	1	1,6	Negative			
(191) D-tek	CVP >>>	14	23	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 >>>	3	4,8	Negative			
(49) BioVendor	CVP >>>	1	1,6	Negative			
(52) Dynex	CVP >>>	2	3,2	Negative			
(87) Euroimmun	CVP >>>	30	48	Negative			
(135) OrgenTec	CVP >>>	5	8,1	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	2	3,2	Negative			
(166) Thermo Fisher	CVP >>>	1	1,6	Negative			
(191) D-tek	CVP >>>	14	23	Negative			
(211) INOVA Diagnostics	CVP >>>	1	1,6	Negative			
(999) another manufacturer	CVP >>>	3	4,8	Negative			
(458) anti-SLA		61			61	61	100
Sample A		61			61	61	100
(2) GA Generic Assays	CVP >>>	3	4,9	Negative			
(49) BioVendor	CVP >>>	1	1,6	Negative			
(52) Dynex	CVP >>>	2	3,3	Negative			
(87) Euroimmun	CVP >>>	31	51	Negative			
(135) OrgenTec	CVP >>>	5	8,2	Negative			
(147) AIDA	CVP >>>	1	1,6	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		61			61	61	100
(2) GA Generic Assays	CVP >>>	3	4,9	Negative			
(49) BioVendor	CVP >>>	1	1,6	Negative			
(52) Dynex	CVP >>>	2	3,3	Negative			
(87) Euroimmun	CVP >>>	31	51	Negative			
(135) OrgenTec	CVP >>>	5	8,2	Negative			

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Test Sample Group	AV	N _{tot}	Frequency of the results		Success		
			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(147) AIDA	CVP >>>	1	1,6	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			
(459) anti-sp100		51			51	43	84
Sample A		51			51	43	84
(2) GA Generic Assays	CVP >>>	3	5,9	Positive			
(49) BioVendor	CVP >>>	1	2	Positive			
(52) Dynex	CVP >>>	2	3,9	Positive			
(87) Euroimmun		1	2	Negative			
	CVP >>>	28	55	Positive			
(135) OrgenTec		2	3,9	Negative			
	CVP >>>	1	2	Positive			
(191) D-tek		1	2	Negative			
		4	7,8	Inconclusive result (borderline)			
	CVP >>>	6	12	Positive			
(999) another manufacturer	CVP >>>	2	3,9	Positive			
Sample B		51			51	51	100
(2) GA Generic Assays	CVP >>>	3	5,9	Positive			
(49) BioVendor	CVP >>>	1	2	Positive			
(52) Dynex	CVP >>>	2	3,9	Positive			
(87) Euroimmun	CVP >>>	29	57	Positive			
(135) OrgenTec	CVP >>>	3	5,9	Positive			
(191) D-tek	CVP >>>	11	22	Positive			
(999) another manufacturer	CVP >>>	2	3,9	Positive			
(453) SMA		54			54	54	100
Sample A		54			54	54	100
(87) Euroimmun	CVP >>>	30	56	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 >>>	15	28	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 >>>	30	56	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 >>>	15	28	Negative			
(998) home-made	CVP >>>	1	1,9	Negative			
(999) another manufacturer	CVP >>>	1	1,9	Negative			