

EQA round: IGIT2/23 - Immunopathology of GIT

Deadline: 23.10.2023

Setup: groups - manufacturer of kit

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessedN_{rel} = relative number of the resultsN_{suc} = number of successful results

CVP = consensus of all participants

>>> ... 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} [%]	

Set 1

(595) anti-gliadin IgA (deamidated)		72				72	72	100
Sample A1		72				72	72	100
(8) Eurospital	CVP >>>	1	1,4	Negative				
(14) Bio-Rad	CVP >>>	1	1,4	Negative				
(17) Biogema	CVP >>>	7	9,7	Negative				
(87) Euroimmun	CVP >>>	12	17	Negative				
(115) BioSystems	CVP >>>	1	1,4	Negative				
(135) OrgenTec	CVP >>>	6	8,3	Negative				
(140) TestLine	CVP >>>	23	32	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	3	4,2	Negative				
(166) Thermo Fisher	CVP >>>	4	5,6	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,4	Negative				
(211) INOVA Diagnostics	CVP >>>	11	15	Negative				
(999) another manufacturer	CVP >>>	2	2,8	Negative				
Sample B1		72				72	72	100
(8) Eurospital	CVP >>>	1	1,4	Positive				
(14) Bio-Rad	CVP >>>	1	1,4	Positive				
(17) Biogema	CVP >>>	7	9,7	Positive				
(87) Euroimmun	CVP >>>	12	17	Positive				
(115) BioSystems	CVP >>>	1	1,4	Positive				
(135) OrgenTec	CVP >>>	6	8,3	Positive				
(140) TestLine	CVP >>>	23	32	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	3	4,2	Positive				
(166) Thermo Fisher	CVP >>>	4	5,6	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,4	Positive				
(211) INOVA Diagnostics	CVP >>>	11	15	Positive				
(999) another manufacturer	CVP >>>	2	2,8	Positive				
(594) anti-gliadin IgG (deamidated)		75				75	73	97
Sample A1		75				75	75	100
(8) Eurospital	CVP >>>	1	1,3	Negative				
(14) Bio-Rad	CVP >>>	1	1,3	Negative				
(17) Biogema	CVP >>>	7	9,3	Negative				
(87) Euroimmun	CVP >>>	13	17	Negative				
(115) BioSystems	CVP >>>	1	1,3	Negative				
(135) OrgenTec	CVP >>>	7	9,3	Negative				
(140) TestLine	CVP >>>	24	32	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	2,7	Negative				
(166) Thermo Fisher	CVP >>>	4	5,3	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Negative				
(211) INOVA Diagnostics	CVP >>>	12	16	Negative				
(999) another manufacturer	CVP >>>	2	2,7	Negative				
Sample B1		75				75	73	97
(8) Eurospital	CVP >>>	1	1,3	Positive				
(14) Bio-Rad	CVP >>>	1	1,3	Positive				
(17) Biogema		1	1,3	Negative				
	CVP >>>	6	8	Positive				
(87) Euroimmun		1	1,3	Inconclusive result (borderline)				
	CVP >>>	12	16	Positive				
(115) BioSystems	CVP >>>	1	1,3	Positive				
(135) OrgenTec	CVP >>>	7	9,3	Positive				
(140) TestLine	CVP >>>	24	32	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	2	2,7	Positive				
(166) Thermo Fisher	CVP >>>	4	5,3	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Positive				
(211) INOVA Diagnostics	CVP >>>	12	16	Positive				
(999) another manufacturer	CVP >>>	2	2,7	Positive				
(421) anti-gliadin IgA (native)		16				16	15	94
Sample A1		16				16	16	100
(17) Biogema	CVP >>>	2	13	Negative				
(135) OrgenTec	CVP >>>	4	25	Negative				
(140) TestLine	CVP >>>	8	50	Negative				
(191) D-tek	CVP >>>	1	6,3	Negative				
(999) another manufacturer	CVP >>>	1	6,3	Negative				

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Test Sample Group	AV	N _{tot}	N _{rel} [%]	Frequency of the results		Success		
				Result		N _{eva}	N _{suc}	S _{rel} [%]
Sample B1		16				16	15	94
(17) Biogema	CVP >>>	2	13	Positive				
(135) OrgenTec	CVP >>>	4	25	Positive				
(140) TestLine		1	6,3	Inconclusive result (borderline)				
	CVP >>>	7	44	Positive				
(191) D-tek	CVP >>>	1	6,3	Positive				
(999) another manufacturer	CVP >>>	1	6,3	Positive				
(420) anti-gliadin IgG (native)		16				16	15	94
Sample A1		16				16	16	100
(17) Biogema	CVP >>>	2	13	Negative				
(135) OrgenTec	CVP >>>	4	25	Negative				
(140) TestLine	CVP >>>	8	50	Negative				
(191) D-tek	CVP >>>	1	6,3	Negative				
(999) another manufacturer	CVP >>>	1	6,3	Negative				
Sample B1		16				16	15	94
(17) Biogema	CVP >>>	2	13	Positive				
(135) OrgenTec	CVP >>>	4	25	Positive				
(140) TestLine		1	6,3	Inconclusive result (borderline)				
	CVP >>>	7	44	Positive				
(191) D-tek	CVP >>>	1	6,3	Positive				
(999) another manufacturer	CVP >>>	1	6,3	Positive				
Set 2								
(424) anti-endomysium IgA		72				72	71	99
Sample A2		72				72	71	99
(2) GA Generic Assays		1	1,4	Positive				
(80) DiaMed	CVP >>>	1	1,4	Negative				
(87) Euroimmun	CVP >>>	33	46	Negative				
(115) BioSystems	CVP >>>	9	13	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	7	9,7	Negative				
(191) D-tek	CVP >>>	1	1,4	Negative				
(211) INOVA Diagnostics	CVP >>>	19	26	Negative				
(998) home-made	CVP >>>	1	1,4	Negative				
Sample B2		72				72	72	100
(2) GA Generic Assays	CVP >>>	1	1,4	Positive				
(80) DiaMed	CVP >>>	1	1,4	Positive				
(87) Euroimmun	CVP >>>	33	46	Positive				
(115) BioSystems	CVP >>>	9	13	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	7	9,7	Positive				
(191) D-tek	CVP >>>	1	1,4	Positive				
(211) INOVA Diagnostics	CVP >>>	19	26	Positive				
(998) home-made	CVP >>>	1	1,4	Positive				
(425) anti-transglutaminase IgA		84				84	84	100
Sample A2		84				84	84	100
(1) Abbott	CVP >>>	1	1,2	Negative				
(8) Eurospital	CVP >>>	1	1,2	Negative				
(14) Bio-Rad	CVP >>>	1	1,2	Negative				
(87) Euroimmun	CVP >>>	15	18	Negative				
(115) BioSystems	CVP >>>	5	6	Negative				
(135) OrgenTec	CVP >>>	9	11	Negative				
(140) TestLine	CVP >>>	16	19	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	4	4,8	Negative				
(164) DiaSorin	CVP >>>	6	7,1	Negative				
(166) Thermo Fisher	CVP >>>	4	4,8	Negative				
(183) Immunodiagnostic Systems	CVP >>>	2	2,4	Negative				
(191) D-tek	CVP >>>	1	1,2	Negative				
(199) Eurolab Lambda	CVP >>>	1	1,2	Negative				
(211) INOVA Diagnostics	CVP >>>	17	20	Negative				
(999) another manufacturer	CVP >>>	1	1,2	Negative				
Sample B2		84				84	84	100
(1) Abbott	CVP >>>	1	1,2	Positive				
(8) Eurospital	CVP >>>	1	1,2	Positive				
(14) Bio-Rad	CVP >>>	1	1,2	Positive				
(87) Euroimmun	CVP >>>	15	18	Positive				
(115) BioSystems	CVP >>>	5	6	Positive				
(135) OrgenTec	CVP >>>	9	11	Positive				
(140) TestLine	CVP >>>	16	19	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	4	4,8	Positive				
(164) DiaSorin	CVP >>>	6	7,1	Positive				

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Test Sample Group	AV	N _{tot}	Frequency of the results		Success		
			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(166) Thermo Fisher	CVP >>>	4	4,8	Positive			
(183) Immunodiagnostic Systems	CVP >>>	2	2,4	Positive			
(191) D-tek	CVP >>>	1	1,2	Positive			
(199) Eurolab Lambda	CVP >>>	1	1,2	Positive			
(211) INOVA Diagnostics	CVP >>>	17	20	Positive			
(999) another manufacturer	CVP >>>	1	1,2	Positive			

Set 3

(592) anti-Saccharomyces cerevisiae IgA		65		0		
Sample A3		65		65	64	98
(17) Biogema	CVP >>>	5	7,7	Positive		
(87) Euroimmun		1	1,5	Negative		
	CVP >>>	23	35	Positive		
(115) BioSystems	CVP >>>	1	1,5	Positive		
(135) OrgenTec	CVP >>>	10	15	Positive		
(140) TestLine	CVP >>>	8	12	Positive		
(147) AIDA	CVP >>>	3	4,6	Positive		
(148) Aesku.lab Diagnostika	CVP >>>	5	7,7	Positive		
(166) Thermo Fisher	CVP >>>	5	7,7	Positive		
(211) INOVA Diagnostics	CVP >>>	3	4,6	Positive		
(999) another manufacturer	CVP >>>	1	1,5	Positive		
Sample B3		65		0		
(17) Biogema	±	5	7,7	Positive		
(87) Euroimmun	±	8	12	Negative		
	±	5	7,7	Inconclusive result (borderline)		
	±	11	17	Positive		
(115) BioSystems	±	1	1,5	Positive		
(135) OrgenTec	±	3	4,6	Negative		
	±	7	11	Positive		
(140) TestLine	±	8	12	Positive		
(147) AIDA	±	3	4,6	Positive		
(148) Aesku.lab Diagnostika	±	5	7,7	Positive		
(166) Thermo Fisher	±	5	7,7	Positive		
(211) INOVA Diagnostics	±	3	4,6	Positive		
(999) another manufacturer	±	1	1,5	Negative		
(593) anti-Saccharomyces cerevisiae IgG		58		58	54	93
Sample A3		58		58	58	100
(17) Biogema	CVP >>>	5	8,6	Positive		
(87) Euroimmun	CVP >>>	20	34	Positive		
(115) BioSystems	CVP >>>	1	1,7	Positive		
(135) OrgenTec	CVP >>>	8	14	Positive		
(140) TestLine	CVP >>>	8	14	Positive		
(147) AIDA	CVP >>>	2	3,4	Positive		
(148) Aesku.lab Diagnostika	CVP >>>	5	8,6	Positive		
(166) Thermo Fisher	CVP >>>	5	8,6	Positive		
(211) INOVA Diagnostics	CVP >>>	3	5,2	Positive		
(999) another manufacturer	CVP >>>	1	1,7	Positive		
Sample B3		58		58	54	93
(17) Biogema	CVP >>>	5	8,6	Negative		
(87) Euroimmun	CVP >>>	18	31	Negative		
		2	3,4	Inconclusive result (borderline)		
(115) BioSystems	CVP >>>	1	1,7	Negative		
(135) OrgenTec	CVP >>>	6	10	Negative		
		2	3,4	Positive		
(140) TestLine	CVP >>>	8	14	Negative		
(147) AIDA	CVP >>>	2	3,4	Negative		
(148) Aesku.lab Diagnostika	CVP >>>	5	8,6	Negative		
(166) Thermo Fisher	CVP >>>	5	8,6	Negative		
(211) INOVA Diagnostics	CVP >>>	3	5,2	Negative		
(999) another manufacturer	CVP >>>	1	1,7	Negative		