

## EQA round: IGIT1/23 - Immunopathology of GIT

Deadline: 13.3.2023

Setup: groups - 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>Set 1</b>								
<b>(595) anti-gliadin IgA (deamidated)</b>		72				72	72	100
<b>Sample A1</b>		72				72	72	100
(14) Bio-Rad	CVP >>>	1	1,4	Positive				
(17) Biogema	CVP >>>	7	9,7	Positive				
(87) Euroimmun	CVP >>>	14	19	Positive				
(115) BioSystems	CVP >>>	1	1,4	Positive				
(135) OrgenTec	CVP >>>	5	6,9	Positive				
(140) TestLine	CVP >>>	22	31	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	4	5,6	Positive				
(166) Thermo Fisher	CVP >>>	4	5,6	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,4	Positive				
(211) INOVA Diagnostics	CVP >>>	10	14	Positive				
(999) another manufacturer	CVP >>>	3	4,2	Positive				
<b>Sample B1</b>		72				72	72	100
(14) Bio-Rad	CVP >>>	1	1,4	Negative				
(17) Biogema	CVP >>>	7	9,7	Negative				
(87) Euroimmun	CVP >>>	14	19	Negative				
(115) BioSystems	CVP >>>	1	1,4	Negative				
(135) OrgenTec	CVP >>>	5	6,9	Negative				
(140) TestLine	CVP >>>	22	31	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	4	5,6	Negative				
(166) Thermo Fisher	CVP >>>	4	5,6	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,4	Negative				
(211) INOVA Diagnostics	CVP >>>	10	14	Negative				
(999) another manufacturer	CVP >>>	3	4,2	Negative				
<b>(594) anti-gliadin IgG (deamidated)</b>		75				75	73	97
<b>Sample A1</b>		75				75	73	97
(14) Bio-Rad	CVP >>>	1	1,3	Positive				
(17) Biogema		1	1,3	Negative				
	CVP >>>	6	8	Positive				
(87) Euroimmun		1	1,3	Negative				
	CVP >>>	14	19	Positive				
(115) BioSystems	CVP >>>	1	1,3	Positive				
(135) OrgenTec	CVP >>>	6	8	Positive				
(140) TestLine	CVP >>>	23	31	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	3	4	Positive				
(166) Thermo Fisher	CVP >>>	4	5,3	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Positive				
(211) INOVA Diagnostics	CVP >>>	11	15	Positive				
(999) another manufacturer	CVP >>>	3	4	Positive				
<b>Sample B1</b>		75				75	74	99
(14) Bio-Rad	CVP >>>	1	1,3	Negative				
(17) Biogema	CVP >>>	6	8	Negative				
		1	1,3	Positive				
(87) Euroimmun	CVP >>>	15	20	Negative				
(115) BioSystems	CVP >>>	1	1,3	Negative				
(135) OrgenTec	CVP >>>	6	8	Negative				
(140) TestLine	CVP >>>	23	31	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	3	4	Negative				
(166) Thermo Fisher	CVP >>>	4	5,3	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Negative				
(211) INOVA Diagnostics	CVP >>>	11	15	Negative				
(999) another manufacturer	CVP >>>	3	4	Negative				
<b>(421) anti-gliadin IgA (native)</b>		18				18	18	100
<b>Sample A1</b>		18				18	18	100
(17) Biogema	CVP >>>	2	11	Positive				
(135) OrgenTec	CVP >>>	4	22	Positive				
(140) TestLine	CVP >>>	10	56	Positive				
(191) D-tek	CVP >>>	1	5,6	Positive				
(999) another manufacturer	CVP >>>	1	5,6	Positive				
<b>Sample B1</b>		18				18	18	100
(17) Biogema	CVP >>>	2	11	Negative				
(135) OrgenTec	CVP >>>	4	22	Negative				

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Test Sample Group	AV	N <sub>tot</sub>	Frequency of the results			Success		
			N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
(140) TestLine	CVP >>>	10	56	Negative				
(191) D-tek	CVP >>>	1	5,6	Negative				
(999) another manufacturer	CVP >>>	1	5,6	Negative				
<b>(420) anti-gliadin IgG (native)</b>		18			18	18	100	
<b>Sample A1</b>		18			18	18	100	
(17) Biogema	CVP >>>	2	11	Positive				
(135) OrgenTec	CVP >>>	4	22	Positive				
(140) TestLine	CVP >>>	10	56	Positive				
(191) D-tek	CVP >>>	1	5,6	Positive				
(999) another manufacturer	CVP >>>	1	5,6	Positive				
<b>Sample B1</b>		18			18	18	100	
(17) Biogema	CVP >>>	2	11	Negative				
(135) OrgenTec	CVP >>>	4	22	Negative				
(140) TestLine	CVP >>>	10	56	Negative				
(191) D-tek	CVP >>>	1	5,6	Negative				
(999) another manufacturer	CVP >>>	1	5,6	Negative				
<b>Set 2</b>								
<b>(424) anti-endomysium IgA</b>		73			73	73	100	
<b>Sample A2</b>		73			73	73	100	
(2) GA Generic Assays	CVP >>>	1	1,4	Negative				
(80) DiaMed	CVP >>>	1	1,4	Negative				
(87) Euroimmun	CVP >>>	33	45	Negative				
(115) BioSystems	CVP >>>	9	12	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	7	9,6	Negative				
(191) D-tek	CVP >>>	1	1,4	Negative				
(211) INOVA Diagnostics	CVP >>>	20	27	Negative				
(998) home-made	CVP >>>	1	1,4	Negative				
<b>Sample B2</b>		73			73	73	100	
(2) GA Generic Assays	CVP >>>	1	1,4	Positive				
(80) DiaMed	CVP >>>	1	1,4	Positive				
(87) Euroimmun	CVP >>>	33	45	Positive				
(115) BioSystems	CVP >>>	9	12	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	7	9,6	Positive				
(191) D-tek	CVP >>>	1	1,4	Positive				
(211) INOVA Diagnostics	CVP >>>	20	27	Positive				
(998) home-made	CVP >>>	1	1,4	Positive				
<b>(425) anti-transglutaminase IgA</b>		85			85	84	99	
<b>Sample A2</b>		85			85	84	99	
(1) Abbott	CVP >>>	1	1,2	Negative				
(14) Bio-Rad	CVP >>>	1	1,2	Negative				
(87) Euroimmun	CVP >>>	16	19	Negative				
(115) BioSystems	CVP >>>	6	7,1	Negative				
(135) OrgenTec	CVP >>>	9	11	Negative				
(140) TestLine	CVP >>>	15	18	Negative				
(147) AIDA	CVP >>>	1	1,2	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	3	3,5	Negative				
		1	1,2	Positive				
(164) DiaSorin	CVP >>>	6	7,1	Negative				
(166) Thermo Fisher	CVP >>>	4	4,7	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 >>>	16	19	Negative				
(999) another manufacturer	CVP >>>	2	2,4	Negative				
<b>Sample B2</b>		85			85	85	100	
(1) Abbott	CVP >>>	1	1,2	Positive				
(14) Bio-Rad	CVP >>>	1	1,2	Positive				
(87) Euroimmun	CVP >>>	16	19	Positive				
(115) BioSystems	CVP >>>	6	7,1	Positive				
(135) OrgenTec	CVP >>>	9	11	Positive				
(140) TestLine	CVP >>>	15	18	Positive				
(147) AIDA	CVP >>>	1	1,2	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	4	4,7	Positive				
(164) DiaSorin	CVP >>>	6	7,1	Positive				
(166) Thermo Fisher	CVP >>>	4	4,7	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				

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					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(211) INOVA Diagnostics	CVP >>>	16	19	Positive			
(999) another manufacturer	CVP >>>	2	2,4	Positive			

## Set 3

<b>(592) anti-Saccharomyces cerevisiae IgA</b>					66		66	66	100
<b>Sample A3</b>					66		66	66	100
(0) not specified	CVP >>>	1	1,5	Positive					
(17) Biogema	CVP >>>	4	6,1	Positive					
(87) Euroimmun	CVP >>>	25	38	Positive					
(115) BioSystems	CVP >>>	1	1,5	Positive					
(135) OrgenTec	CVP >>>	10	15	Positive					
(140) TestLine	CVP >>>	8	12	Positive					
(147) AIDA	CVP >>>	3	4,5	Positive					
(148) Aesku.lab Diagnostika	CVP >>>	5	7,6	Positive					
(166) Thermo Fisher	CVP >>>	4	6,1	Positive					
(211) INOVA Diagnostics	CVP >>>	3	4,5	Positive					
(999) another manufacturer	CVP >>>	2	3	Positive					
<b>Sample B3</b>					66		66	66	100
(0) not specified	CVP >>>	1	1,5	Negative					
(17) Biogema	CVP >>>	4	6,1	Negative					
(87) Euroimmun	CVP >>>	25	38	Negative					
(115) BioSystems	CVP >>>	1	1,5	Negative					
(135) OrgenTec	CVP >>>	10	15	Negative					
(140) TestLine	CVP >>>	8	12	Negative					
(147) AIDA	CVP >>>	3	4,5	Negative					
(148) Aesku.lab Diagnostika	CVP >>>	5	7,6	Negative					
(166) Thermo Fisher	CVP >>>	4	6,1	Negative					
(211) INOVA Diagnostics	CVP >>>	3	4,5	Negative					
(999) another manufacturer	CVP >>>	2	3	Negative					
<b>(593) anti-Saccharomyces cerevisiae IgG</b>					59		59	59	100
<b>Sample A3</b>					59		59	59	100
(0) not specified	CVP >>>	1	1,7	Positive					
(17) Biogema	CVP >>>	4	6,8	Positive					
(87) Euroimmun	CVP >>>	21	36	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	8,5	Positive					
(166) Thermo Fisher	CVP >>>	4	6,8	Positive					
(211) INOVA Diagnostics	CVP >>>	3	5,1	Positive					
(999) another manufacturer	CVP >>>	2	3,4	Positive					
<b>Sample B3</b>					59		59	59	100
(0) not specified	CVP >>>	1	1,7	Negative					
(17) Biogema	CVP >>>	4	6,8	Negative					
(87) Euroimmun	CVP >>>	21	36	Negative					
(115) BioSystems	CVP >>>	1	1,7	Negative					
(135) OrgenTec	CVP >>>	8	14	Negative					
(140) TestLine	CVP >>>	8	14	Negative					
(147) AIDA	CVP >>>	2	3,4	Negative					
(148) Aesku.lab Diagnostika	CVP >>>	5	8,5	Negative					
(166) Thermo Fisher	CVP >>>	4	6,8	Negative					
(211) INOVA Diagnostics	CVP >>>	3	5,1	Negative					
(999) another manufacturer	CVP >>>	2	3,4	Negative					