Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: IGIT1/20 - Immunopathology of GIT

Deadline: 16.03.2020

Key: >>> ... marks correct (expected) result
> ... marks conditionally correct (acceptable) result
± ... marks the result not evaluated
N ... number of the results
Nrel ... relative number of the results

Test

Sample	Group		N	Result	N_{rel}
Set 1					
(420) Anti-gliadin IgG (native)					
A1	(17) Biogema	>>>	2	Positive	11 %
	(135) OrgenTec	>>>	2	Positive	11 %
	(140) Test-Line	>>>	11	Positive	58 %
	(166) Thermo Fisher	>>>	2	Positive	11 %
	(191) D-tek	>>>	1	Positive	5,3 %
	(999) another manufacturer	>>>	1	Positive	5,3 %
	Total per sample: n = 19	Success: 100 %			
B1	(17) Biogema	>>>	2	Negative	11 %
	(135) OrgenTec	>>>	2	Negative	11 %
	(140) Test-Line	>>>	11	Negative	58 %
	(166) Thermo Fisher	>>>	2	Negative	11 %
	(191) D-tek	>>>	1	Negative	5,3 %
	(999) another manufacturer	>>>	1	Negative	5,3 %
	Total per sample: n = 19	Success: 100 %			
Total success: 100 %					
(421) Anti-gliadin IgA (native)					
A1	(17) Biogema	>>>	2	Positive	11 %
	(135) OrgenTec	>>>	2	Positive	11 %
	(140) Test-Line	>>>	10	Positive	56 %
	(166) Thermo Fisher	>>>	2	Positive	11 %
	(191) D-tek	>>>	1	Positive	5,6 %
	(999) another manufacturer	>>>	1	Positive	5,6 %
	Total per sample: n = 18	Success: 100 %			
B1	(17) Biogema		1	Inconclusive result (borderline)	5,6 %
			1	Positive	5,6 %
	(135) OrgenTec	>>>	2	Negative	11 %
	(140) Test-Line	>>>	10	Negative	56 %
	(166) Thermo Fisher	>>>	2	Negative	11 %
	(191) D-tek	>>>	1	Negative	5,6 %
	(999) another manufacturer	>>>	1	Negative	5,6 %
	Total per sample: n = 18	Success: 89 %			
Total success: 89 %					
(594) Anti-gliadin IgG (deamidated)					
A1	(14) Bio-Rad	>>>	1	Positive	1,3 %
	(17) Biogema		1	Negative	1,3 %
			2	Inconclusive result (borderline)	2,7 %
		>>>	5	Positive	6,7 %
	(87) Euroimmun		7	Negative	9,3 %
			2	Inconclusive result (borderline)	2,7 %
		>>>	4	Positive	5,3 %
	(115) BioSystems	>>>	1	Positive	1,3 %
	(135) OrgenTec	>>>	9	Positive	12 %
	(140) Test-Line	>>>	25	Positive	33 %
	(148) Aesku.lab Diagnostika		1	Negative	1,3 %
		>>>	3	Positive	4,0 %
	(166) Thermo Fisher		1	Inconclusive result (borderline)	1,3 %
		>>>	1	Positive	1,3 %
	(183) Immunodiagnostic Systems	>>>	1	Positive	1,3 %
	(211) INOVA Diagnostics	>>>	8	Positive	11 %
	(999) another manufacturer	>>>	3	Positive	4,0 %
	Total per sample: n = 75	Success: 81 %			
B1	(14) Bio-Rad	>>>	1	Negative	1,3 %
	(17) Biogema	>>>	8	Negative	11 %
	(87) Euroimmun	>>>	13	Negative	17 %
	(115) BioSystems	>>>	1	Negative	1,3 %
	(135) OrgenTec	>>>	9	Negative	12 %
	(140) Test-Line	>>>	25	Negative	33 %
	(148) Aesku.lab Diagnostika	>>>	4	Negative	5,3 %
	(166) Thermo Fisher	>>>	2	Negative	2,7 %
	(183) Immunodiagnostic Systems	>>>	1	Negative	1,3 %
	(211) INOVA Diagnostics	>>>	8	Negative	11 %
	(999) another manufacturer	>>>	3	Negative	4,0 %
	Total per sample: n = 75	Success: 100 %			

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: IGIT1/20 - Immunopathology of GIT

Deadline: 16.03.2020

Test Sample	Group		N	Result	N_{rel}
Total success: 81 %					
(595) Anti-gliadin IgA (deamidated)					
A1	(14) Bio-Rad	>>>	1	Positive	1,4 %
	(17) Biogema	>>>	8	Positive	11 %
	(87) Euroimmun	>>>	12	Positive	17 %
	(115) BioSystems	>>>	1	Positive	1,4 %
	(135) OrgenTec	>>>	7	Positive	9,9 %
	(140) Test-Line	>>>	24	Positive	34 %
	(148) Aesku.lab Diagnostika	>>>	4	Positive	5,6 %
	(166) Thermo Fisher	>>>	2	Positive	2,8 %
	(183) Immunodiagnostic Systems	>>>	1	Positive	1,4 %
	(211) INOVA Diagnostics	>>>	8	Positive	11 %
	(999) another manufacturer	>>>	3	Positive	4,2 %
	Total per sample: n = 71	Success: 100 %			
B1	(14) Bio-Rad	>>>	1	Negative	1,4 %
	(17) Biogema	>>>	8	Negative	11 %
	(87) Euroimmun	>>>	12	Negative	17 %
	(115) BioSystems	>>>	1	Negative	1,4 %
	(135) OrgenTec	>>>	7	Negative	9,9 %
	(140) Test-Line	>>>	24	Negative	34 %
	(148) Aesku.lab Diagnostika	>>>	4	Negative	5,6 %
	(166) Thermo Fisher	>>>	2	Negative	2,8 %
	(183) Immunodiagnostic Systems	>>>	1	Negative	1,4 %
	(211) INOVA Diagnostics	>>>	8	Negative	11 %
	(999) another manufacturer	>>>	3	Negative	4,2 %
	Total per sample: n = 71	Success: 100 %			
Total success: 100 %					

Set 2

(424) Anti-endomysium IgA					
A2	(46) Erba Lachema	>>>	2	Negative	2,9 %
	(80) DiaMed	>>>	1	Negative	1,4 %
	(87) Euroimmun	>>>	30	Negative	43 %
	(115) BioSystems	>>>	9	Negative	13 %
	(148) Aesku.lab Diagnostika	>>>	6	Negative	8,7 %
	(191) D-tek	>>>	1	Negative	1,4 %
	(211) INOVA Diagnostics	>>>	19	Negative	28 %
	(999) another manufacturer	>>>	1	Negative	1,4 %
	Total per sample: n = 69	Success: 100 %			
B2	(46) Erba Lachema	>>>	2	Positive	2,9 %
	(80) DiaMed	>>>	1	Positive	1,4 %
	(87) Euroimmun	>>>	30	Positive	43 %
	(115) BioSystems	>>>	9	Positive	13 %
	(148) Aesku.lab Diagnostika	>>>	6	Positive	8,7 %
	(191) D-tek	>>>	1	Positive	1,4 %
	(211) INOVA Diagnostics	>>>	19	Positive	28 %
	(999) another manufacturer	>>>	1	Positive	1,4 %
	Total per sample: n = 69	Success: 100 %			
Total success: 100 %					
(425) Anti-transglutaminase IgA					
A2	(1) Abbott	>>>	1	Negative	1,2 %
	(14) Bio-Rad	>>>	1	Negative	1,2 %
	(52) Dynex	>>>	1	Negative	1,2 %
	(87) Euroimmun	>>>	11	Negative	13 %
	(115) BioSystems	>>>	8	Negative	9,6 %
	(135) OrgenTec	>>>	11	Negative	13 %
	(140) Test-Line	>>>	17	Negative	20 %
	(147) AIDA	>>>	1	Negative	1,2 %
	(148) Aesku.lab Diagnostika	>>>	5	Negative	6,0 %
	(164) DiaSorin	>>>	6	Negative	7,2 %
	(166) Thermo Fisher	>>>	2	Negative	2,4 %
	(183) Immunodiagnostic Systems	>>>	2	Negative	2,4 %
	(191) D-tek	>>>	1	Negative	1,2 %
	(199) Eurolab Lambda	>>>	1	Negative	1,2 %
	(211) INOVA Diagnostics	>>>	13	Negative	16 %
	(999) another manufacturer	>>>	2	Negative	2,4 %
	Total per sample: n = 83	Success: 100 %			
B2	(1) Abbott	>>>	1	Positive	1,2 %
	(14) Bio-Rad	>>>	1	Positive	1,2 %

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: IGIT1/20 - Immunopathology of GIT

Deadline: 16.03.2020

Test

Sample	Group		N	Result	N_{rel}
B2	(52) Dynex	>>>	1	Positive	1,2 %
	(87) Euroimmun	>>>	11	Positive	13 %
	(115) BioSystems	>>>	8	Positive	9,6 %
	(135) OrgenTec	>>>	11	Positive	13 %
	(140) Test-Line	>>>	17	Positive	20 %
	(147) AIDA	>>>	1	Positive	1,2 %
	(148) Aesku.lab Diagnostika	>>>	5	Positive	6,0 %
	(164) DiaSorin	>>>	6	Positive	7,2 %
	(166) Thermo Fisher	>>>	2	Positive	2,4 %
	(183) Immunodiagnostic Systems	>>>	2	Positive	2,4 %
	(191) D-tek	>>>	1	Positive	1,2 %
	(199) Eurolab Lambda	>>>	1	Positive	1,2 %
	(211) INOVA Diagnostics	>>>	13	Positive	16 %
	(999) another manufacturer	>>>	2	Positive	2,4 %
	Total per sample: n = 83	Success: 100 %			

Total success: 100 %

Set 3

(592) Anti-Saccharomyces cerevisiae IgA

A3	(17) Biogema	>>>	5	Positive	7,8 %
	(87) Euroimmun	>>>	23	Positive	36 %
	(115) BioSystems	>>>	2	Positive	3,1 %
	(135) OrgenTec	>>>	12	Positive	19 %
	(140) Test-Line	>>>	8	Positive	13 %
	(147) AIDA	>>>	3	Positive	4,7 %
	(148) Aesku.lab Diagnostika	>>>	5	Positive	7,8 %
	(166) Thermo Fisher	>>>	3	Positive	4,7 %
	(211) INOVA Diagnostics	>>>	2	Positive	3,1 %
	(999) another manufacturer	>>>	1	Positive	1,6 %
	Total per sample: n = 64	Success: 100 %			
B3	(17) Biogema	>>>	5	Negative	7,8 %
	(87) Euroimmun	>>>	23	Negative	36 %
	(115) BioSystems	>>>	2	Negative	3,1 %
	(135) OrgenTec	>>>	12	Negative	19 %
	(140) Test-Line	>>>	8	Negative	13 %
	(147) AIDA	>>>	3	Negative	4,7 %
	(148) Aesku.lab Diagnostika	>>>	5	Negative	7,8 %
	(166) Thermo Fisher	>>>	3	Negative	4,7 %
	(211) INOVA Diagnostics	>>>	2	Negative	3,1 %
	(999) another manufacturer	>>>	1	Negative	1,6 %
	Total per sample: n = 64	Success: 100 %			

Total success: 100 %

(593) Anti-Saccharomyces cerevisiae IgG

A3	(17) Biogema	>>>	5	Positive	8,8 %
	(87) Euroimmun		1	Inconclusive result (borderline)	1,8 %
		>>>	18	Positive	32 %
	(115) BioSystems	>>>	2	Positive	3,5 %
	(135) OrgenTec	>>>	10	Positive	18 %
	(140) Test-Line	>>>	8	Positive	14 %
	(147) AIDA	>>>	2	Positive	3,5 %
	(148) Aesku.lab Diagnostika	>>>	5	Positive	8,8 %
	(166) Thermo Fisher	>>>	3	Positive	5,3 %
	(211) INOVA Diagnostics	>>>	2	Positive	3,5 %
	(999) another manufacturer	>>>	1	Positive	1,8 %
	Total per sample: n = 57	Success: 98 %			
B3	(17) Biogema	>>>	5	Negative	8,8 %
	(87) Euroimmun	>>>	19	Negative	33 %
	(115) BioSystems	>>>	2	Negative	3,5 %
	(135) OrgenTec	>>>	10	Negative	18 %
	(140) Test-Line	>>>	8	Negative	14 %
	(147) AIDA	>>>	2	Negative	3,5 %
	(148) Aesku.lab Diagnostika	>>>	5	Negative	8,8 %
	(166) Thermo Fisher	>>>	3	Negative	5,3 %
	(211) INOVA Diagnostics	>>>	2	Negative	3,5 %
	(999) another manufacturer	>>>	1	Negative	1,8 %
	Total per sample: n = 57	Success: 100 %			

Total success: 98 %