Summary statistics - qualitative results

EQA round: AT2/26 - Autoantibodies in Thyroid Diseases

Deadline: 23.10.2026

Setup: groups - R (manufacturer of kit)

AV = assigned value
CVP = consensus of all participants
>>> ... expected result
> ... acceptable result
± ... result not assessed

N_{tot} = total number of the results
N_{rel} = relative number of the results

N_{eva} = number of the results assessed
N_{suc} = number of successful results
S_{rel} = relative success

Test / Sample / Group	AV		Frequency of the results N_{tot}	N_{rel} [%]	Result	Success N_{eva}	N_{suc}	S_{rel} [%]
Set 1								
(576) **anti-microsomes (TPO)**			200			200	198	99
Sample A1			200			200	199	100
(1) Abbott	CVP	>>>	57	29	Positive			
(12) Beckman Coulter			1	0,5	Negative			
	CVP	>>>	23	12	Positive			
(15) bioMérieux	CVP	>>>	1	0,5	Positive			
(25) TOSOH	CVP	>>>	3	1,5	Positive			
(29) Siemens (Immulite)	CVP	>>>	3	1,5	Positive			
(60) Roche	CVP	>>>	74	37	Positive			
(73) Snibe	CVP	>>>	1	0,5	Positive			
(162) Siemens (Atellica)	CVP	>>>	31	16	Positive			
(166) Thermo Fisher	CVP	>>>	1	0,5	Positive			
(177) Mindray	CVP	>>>	1	0,5	Positive			
(179) Siemens	CVP	>>>	4	2	Positive			
Sample B1			200			200	198	99
(1) Abbott	CVP	>>>	56	28	Negative			
			1	0,5	Positive			
(12) Beckman Coulter	CVP	>>>	23	12	Negative			
			1	0,5	Positive			
(15) bioMérieux	CVP	>>>	1	0,5	Negative			
(25) TOSOH	CVP	>>>	3	1,5	Negative			
(29) Siemens (Immulite)	CVP	>>>	3	1,5	Negative			
(60) Roche	CVP	>>>	74	37	Negative			
(73) Snibe	CVP	>>>	1	0,5	Negative			
(162) Siemens (Atellica)	CVP	>>>	31	16	Negative			
(166) Thermo Fisher	CVP	>>>	1	0,5	Negative			
(177) Mindray	CVP	>>>	1	0,5	Negative			
(179) Siemens	CVP	>>>	4	2	Negative			
(575) **anti-thyreoglobulin**			195			195	186	95
Sample A1			195			195	193	99
(1) Abbott			1	0,5	Negative			
	CVP	>>>	54	28	Positive			
(12) Beckman Coulter			1	0,5	Negative			
	CVP	>>>	21	11	Positive			
(15) bioMérieux	CVP	>>>	1	0,5	Positive			
(25) TOSOH	CVP	>>>	2	1	Positive			
(29) Siemens (Immulite)	CVP	>>>	3	1,5	Positive			
(36) Immunotech	CVP	>>>	1	0,5	Positive			
(60) Roche	CVP	>>>	74	38	Positive			
(73) Snibe	CVP	>>>	1	0,5	Positive			
(162) Siemens (Atellica)	CVP	>>>	30	15	Positive			
(166) Thermo Fisher	CVP	>>>	1	0,5	Positive			
(177) Mindray	CVP	>>>	1	0,5	Positive			
(179) Siemens	CVP	>>>	4	2,1	Positive			
Sample B1			195			195	187	96
(1) Abbott	CVP	>>>	48	25	Negative			
			2	1	Inconclusive result (borderline)			
			5	2,6	Positive			
(12) Beckman Coulter	CVP	>>>	21	11	Negative			
			1	0,5	Positive			
(15) bioMérieux	CVP	>>>	1	0,5	Negative			
(25) TOSOH	CVP	>>>	2	1	Negative			
(29) Siemens (Immulite)	CVP	>>>	3	1,5	Negative			
(36) Immunotech	CVP	>>>	1	0,5	Negative			
(60) Roche	CVP	>>>	74	38	Negative			
(73) Snibe	CVP	>>>	1	0,5	Negative			
(162) Siemens (Atellica)	CVP	>>>	30	15	Negative			
(166) Thermo Fisher	CVP	>>>	1	0,5	Negative			
(177) Mindray	CVP	>>>	1	0,5	Negative			
(179) Siemens	CVP	>>>	4	2,1	Negative			

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Test / Sample / Group	AV	N_{tot}	N_{rel} [%]	Result	Success N_{eva}	Success N_{suc}	Success S_{rel} [%]
Set 2							
(590) **anti-TSH receptor**		111			111	110	99
Sample A2		111			111	110	99
(0) not specified	CVP >>>	1	0,9	Negative			
(1) Abbott	CVP >>>	29	26	Negative			
(24) B.R.A.H.M.S.	CVP >>>	1	0,9	Negative			
(29) Siemens (Immulite)	CVP >>>	9	8,1	Negative			
(60) Roche	CVP >>>	63	57	Negative			
		1	0,9	Positive			
(73) Snibe	CVP >>>	4	3,6	Negative			
(87) Euroimmun	CVP >>>	1	0,9	Negative			
(164) DiaSorin	CVP >>>	2	1,8	Negative			
Sample B2		111			111	111	100
(0) not specified	CVP >>>	1	0,9	Positive			
(1) Abbott	CVP >>>	29	26	Positive			
(24) B.R.A.H.M.S.	CVP >>>	1	0,9	Positive			
(29) Siemens (Immulite)	CVP >>>	9	8,1	Positive			
(60) Roche	CVP >>>	64	58	Positive			
(73) Snibe	CVP >>>	4	3,6	Positive			
(87) Euroimmun	CVP >>>	1	0,9	Positive			
(164) DiaSorin	CVP >>>	2	1,8	Positive			