

EQA round: PAT1/23 - Direct Antiglobulin Test

Deadline: 2.6.2023

Setup: groups - manufacturer of kit

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

RV = reference value

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} [%]
(1001) DAT (direct Coombs test)		87			87	76	87
Sample 1		87			87	86	99
(14) Bio-Rad		1	1,1	Negative			
	>	23	26	Positive (3+)			
	RV >>>	23	26	Positive (4+)			
(40) Ortho Clinical Diagnostics	RV >>>	2	2,3	Positive (4+)			
(80) DiaMed	>	2	2,3	Positive (3+)			
	RV >>>	8	9,2	Positive (4+)			
(159) Grifols	>	1	1,1	Positive (3+)			
	RV >>>	26	30	Positive (4+)			
(173) Sanguin	>	1	1,1	Positive (3+)			
Sample 2		87			87	77	89
(14) Bio-Rad		4	4,6	Negative			
	RV >>>	37	43	Positive (1+)			
	>	5	5,7	Positive (2+)			
	>	1	1,1	Positive (4+)			
(40) Ortho Clinical Diagnostics	RV >>>	2	2,3	Positive (1+)			
(80) DiaMed		1	1,1	Negative			
	RV >>>	8	9,2	Positive (1+)			
	>	1	1,1	Positive (2+)			
(159) Grifols		5	5,7	Negative			
	RV >>>	21	24	Positive (1+)			
	>	1	1,1	Positive (2+)			
(173) Sanguin	RV >>>	1	1,1	Positive (1+)			
(1002) Sensitization specificity anti-IgG		41			41	38	93
Sample 1		41			41	41	100
(14) Bio-Rad	>	9	22	Positive (3+)			
	RV >>>	16	39	Positive (4+)			
(80) DiaMed	>	3	7,3	Positive (3+)			
	RV >>>	7	17	Positive (4+)			
(159) Grifols	RV >>>	6	15	Positive (4+)			
Sample 2		41			41	38	93
(14) Bio-Rad		2	4,9	Negative			
	RV >>>	23	56	Positive (1+)			
(80) DiaMed	RV >>>	8	20	Positive (1+)			
	>	2	4,9	Positive (2+)			
(159) Grifols		1	2,4	Negative			
	RV >>>	4	9,8	Positive (1+)			
	>	1	2,4	Positive (2+)			
(1003) Sensitization specificity anti-IgA		32			32	32	100
Sample 1		32			32	32	100
(14) Bio-Rad	RV >>>	23	72	Negative			
(80) DiaMed	RV >>>	9	28	Negative			
Sample 2		32			32	32	100
(14) Bio-Rad	RV >>>	23	72	Negative			
(80) DiaMed	RV >>>	9	28	Negative			
(1004) Sensitization specificity anti-IgM		32			32	32	100
Sample 1		32			32	32	100
(14) Bio-Rad	RV >>>	23	72	Negative			
(80) DiaMed	RV >>>	9	28	Negative			
Sample 2		32			32	32	100
(14) Bio-Rad	RV >>>	23	72	Negative			
(80) DiaMed	RV >>>	9	28	Negative			
(1005) Sensitization specificity anti-C3c		32			32	32	100
Sample 1		32			32	32	100
(14) Bio-Rad	RV >>>	17	53	Negative			
	RV >>>	4	13	Positive (1+)			
	RV >>>	2	6,3	Positive (2+)			
(80) DiaMed	RV >>>	6	19	Negative			
	RV >>>	3	9,4	Positive (1+)			
Sample 2		32			32	32	100
(14) Bio-Rad	RV >>>	23	72	Negative			
(80) DiaMed	RV >>>	9	28	Negative			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(1006) Sensitization specificity anti-C3d		38				38	38	100
Sample 1		38				38	38	100
(14) Bio-Rad		>	1	2,6	Positive (1+)			
	RV	>>>	20	53	Positive (2+)			
		>	4	11	Positive (3+)			
(80) DiaMed		>	1	2,6	Positive (1+)			
	RV	>>>	7	18	Positive (2+)			
		>	2	5,3	Positive (3+)			
(159) Grifols		>>>	2	5,3	Positive (2+)			
		>	1	2,6	Positive (3+)			
Sample 2		38				38	38	100
(14) Bio-Rad	RV	>>>	25	66	Negative			
(80) DiaMed	RV	>>>	10	26	Negative			
(159) Grifols	RV	>>>	3	7,9	Negative			
(1008) Col. agglut: Quantif. IgG-DAT		22				22	19	86
Sample 1		22				22	22	100
(14) Bio-Rad	RV	>>>	14	64	1:100			
		>	1	4,5	1:300			
(80) DiaMed	RV	>>>	7	32	1:100			
Sample 2		22				22	19	86
(14) Bio-Rad		2	9,1		Not specified			
	RV	>>>	13	59	Negative			
(80) DiaMed	RV	>>>	6	27	Negative			
		1	4,5		1:10			
(1009) Col. agglut: Subclass IgG1 1:1		23				23	21	91
Sample 1		23				23	23	100
(14) Bio-Rad	RV	>>>	16	70	Negative			
(80) DiaMed	RV	>>>	7	30	Negative			
Sample 2		23				23	21	91
(14) Bio-Rad		2	8,7		Not specified			
	RV	>>>	14	61	Negative			
(80) DiaMed	RV	>>>	7	30	Negative			
(1010) Col. agglut: Subclass IgG1 1:100		23				23	21	91
Sample 1		23				23	23	100
(14) Bio-Rad	RV	>>>	16	70	Negative			
(80) DiaMed	RV	>>>	7	30	Negative			
Sample 2		23				23	21	91
(14) Bio-Rad		2	8,7		Not specified			
	RV	>>>	14	61	Negative			
(80) DiaMed	RV	>>>	7	30	Negative			
(1011) Col. agglut: Subclass IgG3 1:1		23				23	21	91
Sample 1		23				23	23	100
(14) Bio-Rad		>	1	4,3	Positive (3+)			
	RV	>>>	15	65	Positive (4+)			
(80) DiaMed		>	3	13	Positive (3+)			
	RV	>>>	4	17	Positive (4+)			
Sample 2		23				23	21	91
(14) Bio-Rad		2	8,7		Not specified			
	RV	>>>	14	61	Negative			
(80) DiaMed	RV	>>>	7	30	Negative			
(1012) Col. agglut: Subclass IgG3 1:100		23				23	21	91
Sample 1		23				23	23	100
(14) Bio-Rad	RV	>>>	7	30	Positive (2+)			
		>	9	39	Positive (3+)			
(80) DiaMed	RV	>>>	3	13	Positive (2+)			
		>	4	17	Positive (3+)			
Sample 2		23				23	21	91
(14) Bio-Rad		2	8,7		Not specified			
	RV	>>>	14	61	Negative			
(80) DiaMed	RV	>>>	7	30	Negative			
(1019) ABO blood group		58				58	58	100
Sample 1		58				58	58	100
(14) Bio-Rad	RV	>>>	18	31	Blood group: B			
(40) Ortho Clinical Diagnostics	RV	>>>	2	3,4	Blood group: B			
(64) Exbio Olomouc	RV	>>>	2	3,4	Blood group: B			
(80) DiaMed	RV	>>>	2	3,4	Blood group: B			
(159) Grifols	RV	>>>	17	29	Blood group: B			
(172) Immucor	RV	>>>	7	12	Blood group: B			
(173) Sanguin	RV	>>>	6	10	Blood group: B			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(174) IVT Imuno	RV	>>>	3	5,2	Blood group: B			
(183) Immunodiagnostic Systems	RV	>>>	1	1,7	Blood group: B			
Sample 2			58			58	58	100
(14) Bio-Rad	RV	>>>	18	31	Blood group: 0			
(40) Ortho Clinical Diagnostics	RV	>>>	2	3,4	Blood group: 0			
(64) Exbio Olomouc	RV	>>>	2	3,4	Blood group: 0			
(80) DiaMed	RV	>>>	2	3,4	Blood group: 0			
(159) Grifols	RV	>>>	17	29	Blood group: 0			
(172) Immucor	RV	>>>	7	12	Blood group: 0			
(173) Sanguin	RV	>>>	6	10	Blood group: 0			
(174) IVT Imuno	RV	>>>	3	5,2	Blood group: 0			
(183) Immunodiagnostic Systems	RV	>>>	1	1,7	Blood group: 0			
(1020) Rh D antigen			58			58	58	100
Sample 1			58			58	58	100
(14) Bio-Rad	RV	>>>	23	40	Positive (RhD+)			
(40) Ortho Clinical Diagnostics	RV	>>>	2	3,4	Positive (RhD+)			
(52) Dynex	RV	>>>	1	1,7	Positive (RhD+)			
(64) Exbio Olomouc	RV	>>>	1	1,7	Positive (RhD+)			
(80) DiaMed	RV	>>>	2	3,4	Positive (RhD+)			
(159) Grifols	RV	>>>	17	29	Positive (RhD+)			
(170) Biotest	RV	>>>	1	1,7	Positive (RhD+)			
(172) Immucor	RV	>>>	6	10	Positive (RhD+)			
(173) Sanguin	RV	>>>	4	6,9	Positive (RhD+)			
(183) Immunodiagnostic Systems	RV	>>>	1	1,7	Positive (RhD+)			
Sample 2			58			58	58	100
(14) Bio-Rad	RV	>>>	23	40	Positive (RhD+)			
(40) Ortho Clinical Diagnostics	RV	>>>	2	3,4	Positive (RhD+)			
(52) Dynex	RV	>>>	1	1,7	Positive (RhD+)			
(64) Exbio Olomouc	RV	>>>	1	1,7	Positive (RhD+)			
(80) DiaMed	RV	>>>	2	3,4	Positive (RhD+)			
(159) Grifols	RV	>>>	17	29	Positive (RhD+)			
(170) Biotest	RV	>>>	1	1,7	Positive (RhD+)			
(172) Immucor	RV	>>>	6	10	Positive (RhD+)			
(173) Sanguin	RV	>>>	4	6,9	Positive (RhD+)			
(183) Immunodiagnostic Systems	RV	>>>	1	1,7	Positive (RhD+)			
(1021) Antigen C			48			48	48	100
Sample 1			48			48	48	100
(14) Bio-Rad	RV	>>>	17	35	Positive			
(50) Merck	RV	>>>	1	2,1	Positive			
(64) Exbio Olomouc	RV	>>>	1	2,1	Positive			
(80) DiaMed	RV	>>>	1	2,1	Positive			
(159) Grifols	RV	>>>	20	42	Positive			
(172) Immucor	RV	>>>	4	8,3	Positive			
(173) Sanguin	RV	>>>	2	4,2	Positive			
(183) Immunodiagnostic Systems	RV	>>>	1	2,1	Positive			
(999) another manufacturer	RV	>>>	1	2,1	Positive			
Sample 2			48			48	48	100
(14) Bio-Rad	RV	>>>	17	35	Negative			
(50) Merck	RV	>>>	1	2,1	Negative			
(64) Exbio Olomouc	RV	>>>	1	2,1	Negative			
(80) DiaMed	RV	>>>	1	2,1	Negative			
(159) Grifols	RV	>>>	20	42	Negative			
(172) Immucor	RV	>>>	4	8,3	Negative			
(173) Sanguin	RV	>>>	2	4,2	Negative			
(183) Immunodiagnostic Systems	RV	>>>	1	2,1	Negative			
(999) another manufacturer	RV	>>>	1	2,1	Negative			
(1022) Antigen c			48			48	48	100
Sample 1			48			48	48	100
(14) Bio-Rad	RV	>>>	17	35	Positive			
(50) Merck	RV	>>>	1	2,1	Positive			
(64) Exbio Olomouc	RV	>>>	1	2,1	Positive			
(80) DiaMed	RV	>>>	1	2,1	Positive			
(159) Grifols	RV	>>>	20	42	Positive			
(172) Immucor	RV	>>>	4	8,3	Positive			
(173) Sanguin	RV	>>>	2	4,2	Positive			
(183) Immunodiagnostic Systems	RV	>>>	1	2,1	Positive			
(999) another manufacturer	RV	>>>	1	2,1	Positive			
Sample 2			48			48	48	100
(14) Bio-Rad	RV	>>>	17	35	Positive			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(50) Merck	RV >>>	1	2,1	Positive				
(64) Exbio Olomouc	RV >>>	1	2,1	Positive				
(80) DiaMed	RV >>>	1	2,1	Positive				
(159) Grifols	RV >>>	20	42	Positive				
(172) Immucor	RV >>>	4	8,3	Positive				
(173) Sanguin	RV >>>	2	4,2	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	2,1	Positive				
(999) another manufacturer	RV >>>	1	2,1	Positive				
(1024) Antigen E		49			49	49	100	
Sample 1		49			49	49	100	
(14) Bio-Rad	RV >>>	18	37	Negative				
(50) Merck	RV >>>	1	2	Negative				
(64) Exbio Olomouc	RV >>>	1	2	Negative				
(80) DiaMed	RV >>>	1	2	Negative				
(159) Grifols	RV >>>	20	41	Negative				
(172) Immucor	RV >>>	4	8,2	Negative				
(173) Sanguin	RV >>>	2	4,1	Negative				
(183) Immunodiagnostic Systems	RV >>>	1	2	Negative				
(999) another manufacturer	RV >>>	1	2	Negative				
Sample 2		49			49	49	100	
(14) Bio-Rad	RV >>>	18	37	Positive				
(50) Merck	RV >>>	1	2	Positive				
(64) Exbio Olomouc	RV >>>	1	2	Positive				
(80) DiaMed	RV >>>	1	2	Positive				
(159) Grifols	RV >>>	20	41	Positive				
(172) Immucor	RV >>>	4	8,2	Positive				
(173) Sanguin	RV >>>	2	4,1	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	2	Positive				
(999) another manufacturer	RV >>>	1	2	Positive				
(1025) Antigen e		48			48	47	98	
Sample 1		48			48	47	98	
(14) Bio-Rad	RV >>>	17	35	Positive				
(50) Merck	RV >>>	1	2,1	Positive				
(64) Exbio Olomouc	RV >>>	1	2,1	Positive				
(80) DiaMed	RV >>>	1	2,1	Positive				
(159) Grifols	RV >>>	20	42	Positive				
(172) Immucor	RV >>>	1	2,1	Negative				
	RV >>>	3	6,3	Positive				
(173) Sanguin	RV >>>	2	4,2	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	2,1	Positive				
(999) another manufacturer	RV >>>	1	2,1	Positive				
Sample 2		48			48	48	100	
(14) Bio-Rad	RV >>>	17	35	Positive				
(50) Merck	RV >>>	1	2,1	Positive				
(64) Exbio Olomouc	RV >>>	1	2,1	Positive				
(80) DiaMed	RV >>>	1	2,1	Positive				
(159) Grifols	RV >>>	20	42	Positive				
(172) Immucor	RV >>>	4	8,3	Positive				
(173) Sanguin	RV >>>	2	4,2	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	2,1	Positive				
(999) another manufacturer	RV >>>	1	2,1	Positive				
(1023) Antigen C^w		39			39	39	100	
Sample 1		39			39	39	100	
(14) Bio-Rad	RV >>>	7	18	Negative				
(50) Merck	RV >>>	1	2,6	Negative				
(64) Exbio Olomouc	RV >>>	1	2,6	Negative				
(159) Grifols	RV >>>	19	49	Negative				
(170) Biotest	RV >>>	1	2,6	Negative				
(172) Immucor	RV >>>	4	10	Negative				
(173) Sanguin	RV >>>	4	10	Negative				
(174) IVT Imuno	RV >>>	1	2,6	Negative				
(999) another manufacturer	RV >>>	1	2,6	Negative				
Sample 2		39			39	39	100	
(14) Bio-Rad	RV >>>	7	18	Negative				
(50) Merck	RV >>>	1	2,6	Negative				
(64) Exbio Olomouc	RV >>>	1	2,6	Negative				
(159) Grifols	RV >>>	19	49	Negative				
(170) Biotest	RV >>>	1	2,6	Negative				
(172) Immucor	RV >>>	4	10	Negative				

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(173) Sanguin	RV >>>	4	10	Negative			
(174) IVT Imuno	RV >>>	1	2,6	Negative			
(999) another manufacturer	RV >>>	1	2,6	Negative			
(1026) Antigen K		49			49	49	100
Sample 1		49			49	49	100
(14) Bio-Rad	RV >>>	17	35	Negative			
(50) Merck	RV >>>	1	2	Negative			
(64) Exbio Olomouc	RV >>>	1	2	Negative			
(80) DiaMed	RV >>>	1	2	Negative			
(159) Grifols	RV >>>	21	43	Negative			
(172) Immucor	RV >>>	3	6,1	Negative			
(173) Sanguin	RV >>>	2	4,1	Negative			
(174) IVT Imuno	RV >>>	1	2	Negative			
(183) Immunodiagnostic Systems	RV >>>	1	2	Negative			
(999) another manufacturer	RV >>>	1	2	Negative			
Sample 2		49			49	49	100
(14) Bio-Rad	RV >>>	17	35	Negative			
(50) Merck	RV >>>	1	2	Negative			
(64) Exbio Olomouc	RV >>>	1	2	Negative			
(80) DiaMed	RV >>>	1	2	Negative			
(159) Grifols	RV >>>	21	43	Negative			
(172) Immucor	RV >>>	3	6,1	Negative			
(173) Sanguin	RV >>>	2	4,1	Negative			
(174) IVT Imuno	RV >>>	1	2	Negative			
(183) Immunodiagnostic Systems	RV >>>	1	2	Negative			
(999) another manufacturer	RV >>>	1	2	Negative			
(1027) Antigen k		27			27	27	100
Sample 1		27			27	27	100
(0) not specified	RV >>>	1	3,7	Positive			
(14) Bio-Rad	RV >>>	5	19	Positive			
(64) Exbio Olomouc	RV >>>	3	11	Positive			
(80) DiaMed	RV >>>	3	11	Positive			
(172) Immucor	RV >>>	2	7,4	Positive			
(173) Sanguin	RV >>>	13	48	Positive			
Sample 2		27			27	27	100
(0) not specified	RV >>>	1	3,7	Positive			
(14) Bio-Rad	RV >>>	5	19	Positive			
(64) Exbio Olomouc	RV >>>	3	11	Positive			
(80) DiaMed	RV >>>	3	11	Positive			
(172) Immucor	RV >>>	2	7,4	Positive			
(173) Sanguin	RV >>>	13	48	Positive			
(1039) Antigen Kp^a		5			5	2	40
Sample 1		5			5	3	60
(0) not specified	RV >>>	1	20	Negative			
(14) Bio-Rad		1	20	Not specified			
(80) DiaMed	RV >>>	1	20	Negative			
(159) Grifols	RV >>>	1	20	Negative			
(172) Immucor		1	20	Not specified			
Sample 2		5			5	4	80
(0) not specified		1	20	Positive			
(14) Bio-Rad	RV >>>	1	20	Negative			
(80) DiaMed	RV >>>	1	20	Negative			
(159) Grifols	RV >>>	1	20	Negative			
(172) Immucor	RV >>>	1	20	Negative			
(1040) Antigen Kp^p		4			4	3	75
Sample 1		4			4	3	75
(0) not specified	RV >>>	1	25	Positive			
(80) DiaMed	RV >>>	1	25	Positive			
(159) Grifols	RV >>>	1	25	Positive			
(172) Immucor		1	25	Not specified			
Sample 2		4			4	4	100
(0) not specified	RV >>>	1	25	Positive			
(80) DiaMed	RV >>>	1	25	Positive			
(159) Grifols	RV >>>	1	25	Positive			
(172) Immucor	RV >>>	1	25	Positive			
(1033) Antigen JK^a		28			28	28	100
Sample 1		28			28	28	100
(14) Bio-Rad	RV >>>	1	3,6	Positive			
(52) Dynex	RV >>>	2	7,1	Positive			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(64) Exbio Olomouc	RV >>>	2	7,1	Positive				
(80) DiaMed	RV >>>	1	3,6	Positive				
(159) Grifols	RV >>>	7	25	Positive				
(172) Immucor	RV >>>	7	25	Positive				
(173) Sanguin	RV >>>	8	29	Positive				
Sample 2		28			28	28	100	
(14) Bio-Rad	RV >>>	1	3,6	Positive				
(52) Dynex	RV >>>	2	7,1	Positive				
(64) Exbio Olomouc	RV >>>	2	7,1	Positive				
(80) DiaMed	RV >>>	1	3,6	Positive				
(159) Grifols	RV >>>	7	25	Positive				
(172) Immucor	RV >>>	7	25	Positive				
(173) Sanguin	RV >>>	8	29	Positive				
(1034) Antigen Jk^b		28			28	28	100	
Sample 1		28			28	28	100	
(14) Bio-Rad	RV >>>	1	3,6	Positive				
(52) Dynex	RV >>>	1	3,6	Positive				
(64) Exbio Olomouc	RV >>>	2	7,1	Positive				
(80) DiaMed	RV >>>	1	3,6	Positive				
(159) Grifols	RV >>>	7	25	Positive				
(172) Immucor	RV >>>	7	25	Positive				
(173) Sanguin	RV >>>	9	32	Positive				
Sample 2		28			28	28	100	
(14) Bio-Rad	RV >>>	1	3,6	Positive				
(52) Dynex	RV >>>	1	3,6	Positive				
(64) Exbio Olomouc	RV >>>	2	7,1	Positive				
(80) DiaMed	RV >>>	1	3,6	Positive				
(159) Grifols	RV >>>	7	25	Positive				
(172) Immucor	RV >>>	7	25	Positive				
(173) Sanguin	RV >>>	9	32	Positive				
(1028) Antigen M		24			24	24	100	
Sample 1		24			24	24	100	
(6) APR	RV >>>	1	4,2	Positive				
(14) Bio-Rad	RV >>>	3	13	Positive				
(64) Exbio Olomouc	RV >>>	1	4,2	Positive				
(80) DiaMed	RV >>>	1	4,2	Positive				
(159) Grifols	RV >>>	4	17	Positive				
(172) Immucor	RV >>>	6	25	Positive				
(173) Sanguin	RV >>>	4	17	Positive				
(174) IVT Imuno	RV >>>	1	4,2	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	4,2	Positive				
(203) ANTITOXIN	RV >>>	2	8,3	Positive				
Sample 2		24			24	24	100	
(6) APR	RV >>>	1	4,2	Positive				
(14) Bio-Rad	RV >>>	3	13	Positive				
(64) Exbio Olomouc	RV >>>	1	4,2	Positive				
(80) DiaMed	RV >>>	1	4,2	Positive				
(159) Grifols	RV >>>	4	17	Positive				
(172) Immucor	RV >>>	6	25	Positive				
(173) Sanguin	RV >>>	4	17	Positive				
(174) IVT Imuno	RV >>>	1	4,2	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	4,2	Positive				
(203) ANTITOXIN	RV >>>	2	8,3	Positive				
(1029) Antigen N		22			22	22	100	
Sample 1		22			22	22	100	
(6) APR	RV >>>	1	4,5	Negative				
(14) Bio-Rad	RV >>>	3	14	Negative				
(64) Exbio Olomouc	RV >>>	1	4,5	Negative				
(80) DiaMed	RV >>>	1	4,5	Negative				
(159) Grifols	RV >>>	4	18	Negative				
(172) Immucor	RV >>>	4	18	Negative				
(173) Sanguin	RV >>>	4	18	Negative				
(174) IVT Imuno	RV >>>	1	4,5	Negative				
(183) Immunodiagnostic Systems	RV >>>	1	4,5	Negative				
(203) ANTITOXIN	RV >>>	2	9,1	Negative				
Sample 2		22			22	22	100	
(6) APR	RV >>>	1	4,5	Positive				
(14) Bio-Rad	RV >>>	3	14	Positive				
(64) Exbio Olomouc	RV >>>	1	4,5	Positive				

EQA round: PAT1/23 - Direct Antiglobulin Test

Deadline: 2.6.2023

Setup: groups - manufacturer of kit

Test Sample Group	Frequency of the results					Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(80) DiaMed	RV	>>>	1	4,5	Positive			
(159) Grifols	RV	>>>	4	18	Positive			
(172) Immucor	RV	>>>	4	18	Positive			
(173) Sanguin	RV	>>>	4	18	Positive			
(174) IVT Imuno	RV	>>>	1	4,5	Positive			
(183) Immunodiagnostic Systems	RV	>>>	1	4,5	Positive			
(203) ANTITOXIN	RV	>>>	2	9,1	Positive			
(1030) Antigen S			25			25	24	96
Sample 1			25			25	25	100
(6) APR	RV	>>>	1	4	Positive			
(14) Bio-Rad	RV	>>>	2	8	Positive			
(64) Exbio Olomouc	RV	>>>	1	4	Positive			
(159) Grifols	RV	>>>	4	16	Positive			
(172) Immucor	RV	>>>	9	36	Positive			
(173) Sanguin	RV	>>>	7	28	Positive			
(183) Immunodiagnostic Systems	RV	>>>	1	4	Positive			
Sample 2			25			25	24	96
(6) APR	RV	>>>	1	4	Negative			
(14) Bio-Rad	RV	>>>	2	8	Negative			
(64) Exbio Olomouc	RV	>>>	1	4	Negative			
(159) Grifols	RV	>>>	3	12	Negative			
			1	4	Positive			
(172) Immucor	RV	>>>	9	36	Negative			
(173) Sanguin	RV	>>>	7	28	Negative			
(183) Immunodiagnostic Systems	RV	>>>	1	4	Negative			
(1031) Antigen s			19			19	19	100
Sample 1			19			19	19	100
(6) APR	RV	>>>	1	5,3	Positive			
(14) Bio-Rad	RV	>>>	1	5,3	Positive			
(64) Exbio Olomouc	RV	>>>	1	5,3	Positive			
(159) Grifols	RV	>>>	4	21	Positive			
(172) Immucor	RV	>>>	11	58	Positive			
(173) Sanguin	RV	>>>	1	5,3	Positive			
Sample 2			19			19	19	100
(6) APR	RV	>>>	1	5,3	Positive			
(14) Bio-Rad	RV	>>>	1	5,3	Positive			
(64) Exbio Olomouc	RV	>>>	1	5,3	Positive			
(159) Grifols	RV	>>>	4	21	Positive			
(172) Immucor	RV	>>>	11	58	Positive			
(173) Sanguin	RV	>>>	1	5,3	Positive			
(1035) Antigen Le^a			19			19	19	100
Sample 1			19			19	19	100
(14) Bio-Rad	RV	>>>	2	11	Negative			
(64) Exbio Olomouc	RV	>>>	2	11	Negative			
(80) DiaMed	RV	>>>	1	5,3	Negative			
(159) Grifols	RV	>>>	3	16	Negative			
(172) Immucor	RV	>>>	8	42	Negative			
(173) Sanguin	RV	>>>	3	16	Negative			
Sample 2			19			19	19	100
(14) Bio-Rad	RV	>>>	2	11	Negative			
(64) Exbio Olomouc	RV	>>>	2	11	Negative			
(80) DiaMed	RV	>>>	1	5,3	Negative			
(159) Grifols	RV	>>>	3	16	Negative			
(172) Immucor	RV	>>>	8	42	Negative			
(173) Sanguin	RV	>>>	3	16	Negative			
(1036) Antigen Le^b			19			19	19	100
Sample 1			19			19	19	100
(14) Bio-Rad	RV	>>>	2	11	Positive			
(64) Exbio Olomouc	RV	>>>	2	11	Positive			
(80) DiaMed	RV	>>>	1	5,3	Positive			
(159) Grifols	RV	>>>	3	16	Positive			
(172) Immucor	RV	>>>	8	42	Positive			
(173) Sanguin	RV	>>>	3	16	Positive			
Sample 2			19			19	19	100
(14) Bio-Rad	RV	>>>	2	11	Positive			
(64) Exbio Olomouc	RV	>>>	2	11	Positive			
(80) DiaMed	RV	>>>	1	5,3	Positive			
(159) Grifols	RV	>>>	3	16	Positive			
(172) Immucor	RV	>>>	8	42	Positive			
(173) Sanguin	RV	>>>	3	16	Positive			

EQA round: PAT1/23 - Direct Antiglobulin Test

Deadline: 2.6.2023

Setup: groups - manufacturer of kit

Test Sample Group	Frequency of the results					Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(173) Sanguin	RV	>>>	3	16	Positive			
(1032) Antigen P1			21			21	21	100
Sample 1			21			21	21	100
(14) Bio-Rad	RV	>>>	3	14	Positive			
(64) Exbio Olomouc	RV	>>>	3	14	Positive			
(80) DiaMed	RV	>>>	1	4,8	Positive			
(159) Grifols	RV	>>>	2	9,5	Positive			
(172) Immucor	RV	>>>	6	29	Positive			
(173) Sanguin	RV	>>>	6	29	Positive			
Sample 2			21			21	21	100
(14) Bio-Rad	RV	>>>	3	14	Positive			
(64) Exbio Olomouc	RV	>>>	3	14	Positive			
(80) DiaMed	RV	>>>	1	4,8	Positive			
(159) Grifols	RV	>>>	2	9,5	Positive			
(172) Immucor	RV	>>>	6	29	Positive			
(173) Sanguin	RV	>>>	6	29	Positive			