

EQA round: PAT2/24 - Direct Antiglobulin Test

Deadline: 15.11.2024

Setup: groups - R (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) Direct Antiglobulin Test		91			91	91	100
Sample 1		91			91	91	100
(14) Bio-Rad	>	5	5,5	Positive (1+)			
	>	38	42	Positive (2+)			
	RV >>>	9	9,9	Positive (3+)			
(40) Ortho Clinical Diagnostics	>	1	1,1	Positive (2+)			
	RV >>>	1	1,1	Positive (3+)			
(80) DiaMed	>	5	5,5	Positive (2+)			
	RV >>>	2	2,2	Positive (3+)			
(159) Grifols	>	1	1,1	Positive (1+)			
	>	14	15	Positive (2+)			
	RV >>>	12	13	Positive (3+)			
	>	2	2,2	Positive (4+)			
(173) Sanguin	>	1	1,1	Positive (1+)			
Sample 2		91			91	91	100
(14) Bio-Rad	>	3	3,3	Positive (1+)			
	>	30	33	Positive (2+)			
	RV >>>	19	21	Positive (3+)			
(40) Ortho Clinical Diagnostics	RV >>>	2	2,2	Positive (3+)			
(80) DiaMed	>	4	4,4	Positive (2+)			
	RV >>>	2	2,2	Positive (3+)			
	>	1	1,1	Positive (4+)			
(159) Grifols	>	4	4,4	Positive (2+)			
	RV >>>	23	25	Positive (3+)			
	>	2	2,2	Positive (4+)			
(173) Sanguin	>	1	1,1	Positive (2+)			
(1002) Sensitization specificity anti-IgG		43			43	43	100
Sample 1		43			43	43	100
(14) Bio-Rad	>	2	4,7	Positive (1+)			
	>	20	47	Positive (2+)			
	RV >>>	4	9,3	Positive (3+)			
(80) DiaMed	>	7	16	Positive (2+)			
	RV >>>	2	4,7	Positive (3+)			
(159) Grifols	>	1	2,3	Positive (1+)			
	RV >>>	7	16	Positive (3+)			
Sample 2		43			43	43	100
(14) Bio-Rad	>	11	26	Positive (2+)			
	RV >>>	15	35	Positive (3+)			
(80) DiaMed	>	3	7	Positive (2+)			
	RV >>>	5	12	Positive (3+)			
(159) Grifols	>	1	2,3	Positive (4+)			
	RV >>>	7	16	Positive (3+)			
(1003) Sensitization specificity anti-IgA		31			31	31	100
Sample 1		31			31	31	100
(14) Bio-Rad	RV >>>	22	71	Negative			
(80) DiaMed	RV >>>	8	26	Negative			
(159) Grifols	RV >>>	1	3,2	Negative			
Sample 2		31			31	31	100
(14) Bio-Rad	RV >>>	22	71	Negative			
(80) DiaMed	RV >>>	8	26	Negative			
(159) Grifols	RV >>>	1	3,2	Negative			
(1004) Sensitization specificity anti-IgM		31			31	31	100
Sample 1		31			31	31	100
(14) Bio-Rad	RV >>>	22	71	Negative			
(80) DiaMed	RV >>>	8	26	Negative			
(159) Grifols	RV >>>	1	3,2	Negative			
Sample 2		31			31	31	100
(14) Bio-Rad	RV >>>	22	71	Negative			
(80) DiaMed	RV >>>	8	26	Negative			
(159) Grifols	RV >>>	1	3,2	Negative			
(1005) Sensitization specificity anti-C3c		31			31	31	100
Sample 1		31			31	31	100
(14) Bio-Rad	RV >>>	22	71	Negative			

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(80) DiaMed	RV >>>	8	26	Negative				
(159) Grifols	RV >>>	1	3,2	Negative				
Sample 2		31				31	100	
(14) Bio-Rad	RV >>>	22	71	Negative				
(80) DiaMed	RV >>>	8	26	Negative				
(159) Grifols	RV >>>	1	3,2	Negative				
(1006) Sensitization specificity anti-C3d		39				39	100	
Sample 1		39				39	100	
(14) Bio-Rad	RV >>>	25	64	Negative				
(80) DiaMed	RV >>>	9	23	Negative				
(159) Grifols	RV >>>	5	13	Negative				
Sample 2		39				39	100	
(14) Bio-Rad	RV >>>	25	64	Negative				
(80) DiaMed	RV >>>	9	23	Negative				
(159) Grifols	RV >>>	5	13	Negative				
(1008) Col. agglut: Quantif. IgG-DAT		23				23	96	
Sample 1		23				23	96	
(14) Bio-Rad	RV >>>	12	52	1:10				
	>	3	13	1:30				
(80) DiaMed	RV >>>	2	8,7	1:10				
	>	5	22	1:30				
(159) Grifols		1	4,3	Not specified				
Sample 2		23				23	100	
(14) Bio-Rad	>	1	4,3	1:10				
	RV >>>	14	61	1:30				
(80) DiaMed	RV >>>	7	30	1:30				
(159) Grifols	>	1	4,3	1:100				
(1009) Col. agglut: Subclass IgG1 1:1		24				24	100	
Sample 1		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
Sample 2		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
(1010) Col. agglut: Subclass IgG1 1:100		24				24	100	
Sample 1		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
Sample 2		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
(1011) Col. agglut: Subclass IgG3 1:1		24				24	100	
Sample 1		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
Sample 2		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
(1012) Col. agglut: Subclass IgG3 1:100		24				24	100	
Sample 1		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
Sample 2		24				24	100	
(14) Bio-Rad	RV >>>	17	71	Negative				
(80) DiaMed	RV >>>	7	29	Negative				
(1019) AB0 blood group		60				60	100	
Sample 1		60				60	100	
(14) Bio-Rad	RV >>>	22	37	Blood group: A				
(40) Ortho Clinical Diagnostics	RV >>>	2	3,3	Blood group: A				
(80) DiaMed	RV >>>	2	3,3	Blood group: A				
(159) Grifols	RV >>>	19	32	Blood group: A				
(172) Immucor	RV >>>	5	8,3	Blood group: A				
(173) Sanguin	RV >>>	6	10	Blood group: A				
(174) IVT Imuno	RV >>>	3	5	Blood group: A				
(183) Immunodiagnostic Systems	RV >>>	1	1,7	Blood group: A				
Sample 2		60				60	100	
(14) Bio-Rad	RV >>>	22	37	Blood group: 0				
(40) Ortho Clinical Diagnostics	RV >>>	2	3,3	Blood group: 0				
(80) DiaMed	RV >>>	2	3,3	Blood group: 0				

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Test Sample Group	AV	N _{tot}	Frequency of the results		Result	Success			
			N _{rel} [%]			N _{eva}	N _{suc}	S _{rel} [%]	
(159) Grifols	RV	>>>	19	32	Blood group: 0				
(172) Immucor	RV	>>>	5	8,3	Blood group: 0				
(173) Sanguin	RV	>>>	6	10	Blood group: 0				
(174) IVT Imuno	RV	>>>	3	5	Blood group: 0				
(183) Immunodiagnostic Systems	RV	>>>	1	1,7	Blood group: 0				
(1020) RhD antigen			60				60	57	95
Sample 1			60				60	57	95
(14) Bio-Rad	RV	>>>	23	38	Negative (RhD-)				
			3	5	w/v (RhD weak/variant)				
(40) Ortho Clinical Diagnostics	RV	>>>	2	3,3	Negative (RhD-)				
(52) Dynex	RV	>>>	1	1,7	Negative (RhD-)				
(64) Exbio Olomouc	RV	>>>	1	1,7	Negative (RhD-)				
(80) DiaMed	RV	>>>	2	3,3	Negative (RhD-)				
(159) Grifols	RV	>>>	19	32	Negative (RhD-)				
(172) Immucor	RV	>>>	5	8,3	Negative (RhD-)				
(173) Sanguin	RV	>>>	3	5	Negative (RhD-)				
(183) Immunodiagnostic Systems	RV	>>>	1	1,7	Negative (RhD-)				
Sample 2			60				60	60	100
(14) Bio-Rad	RV	>>>	26	43	Positive (RhD+)				
(40) Ortho Clinical Diagnostics	RV	>>>	2	3,3	Positive (RhD+)				
(52) Dynex	RV	>>>	1	1,7	Positive (RhD+)				
(64) Exbio Olomouc	RV	>>>	1	1,7	Positive (RhD+)				
(80) DiaMed	RV	>>>	2	3,3	Positive (RhD+)				
(159) Grifols	RV	>>>	19	32	Positive (RhD+)				
(172) Immucor	RV	>>>	5	8,3	Positive (RhD+)				
(173) Sanguin	RV	>>>	3	5	Positive (RhD+)				
(183) Immunodiagnostic Systems	RV	>>>	1	1,7	Positive (RhD+)				
(1021) Antigen C			47				47	47	100
Sample 1			47				47	47	100
(14) Bio-Rad	RV	>>>	18	38	Negative				
(80) DiaMed	RV	>>>	1	2,1	Negative				
(159) Grifols	RV	>>>	19	40	Negative				
(172) Immucor	RV	>>>	4	8,5	Negative				
(173) Sanguin	RV	>>>	2	4,3	Negative				
(174) IVT Imuno	RV	>>>	1	2,1	Negative				
(183) Immunodiagnostic Systems	RV	>>>	1	2,1	Negative				
(999) another manufacturer	RV	>>>	1	2,1	Negative				
Sample 2			47				47	47	100
(14) Bio-Rad	RV	>>>	18	38	Positive				
(80) DiaMed	RV	>>>	1	2,1	Positive				
(159) Grifols	RV	>>>	19	40	Positive				
(172) Immucor	RV	>>>	4	8,5	Positive				
(173) Sanguin	RV	>>>	2	4,3	Positive				
(174) IVT Imuno	RV	>>>	1	2,1	Positive				
(183) Immunodiagnostic Systems	RV	>>>	1	2,1	Positive				
(999) another manufacturer	RV	>>>	1	2,1	Positive				
(1022) Antigen c			47				47	47	100
Sample 1			47				47	47	100
(14) Bio-Rad	RV	>>>	18	38	Positive				
(80) DiaMed	RV	>>>	1	2,1	Positive				
(159) Grifols	RV	>>>	19	40	Positive				
(172) Immucor	RV	>>>	4	8,5	Positive				
(173) Sanguin	RV	>>>	2	4,3	Positive				
(174) IVT Imuno	RV	>>>	1	2,1	Positive				
(183) Immunodiagnostic Systems	RV	>>>	1	2,1	Positive				
(999) another manufacturer	RV	>>>	1	2,1	Positive				
Sample 2			47				47	47	100
(14) Bio-Rad	RV	>>>	18	38	Negative				
(80) DiaMed	RV	>>>	1	2,1	Negative				
(159) Grifols	RV	>>>	19	40	Negative				
(172) Immucor	RV	>>>	4	8,5	Negative				
(173) Sanguin	RV	>>>	2	4,3	Negative				
(174) IVT Imuno	RV	>>>	1	2,1	Negative				
(183) Immunodiagnostic Systems	RV	>>>	1	2,1	Negative				
(999) another manufacturer	RV	>>>	1	2,1	Negative				
(1024) Antigen E			48				48	46	96
Sample 1			48				48	47	98
(14) Bio-Rad	RV	>>>	18	38	Negative				
			1	2,1	Positive				

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			N _{rel} [%]			N _{eva}	N _{suc}	S _{rel} [%]
(80) DiaMed	RV >>>	1	2,1		Negative			
(159) Grifols	RV >>>	19	40		Negative			
(172) Immucor	RV >>>	4	8,3		Negative			
(173) Sanguin	RV >>>	2	4,2		Negative			
(174) IVT Imuno	RV >>>	1	2,1		Negative			
(183) Immunodiagnostic Systems	RV >>>	1	2,1		Negative			
(999) another manufacturer	RV >>>	1	2,1		Negative			
Sample 2		48				48	47	98
(14) Bio-Rad		1	2,1		Not specified			
	RV >>>	18	38		Negative			
(80) DiaMed	RV >>>	1	2,1		Negative			
(159) Grifols	RV >>>	19	40		Negative			
(172) Immucor	RV >>>	4	8,3		Negative			
(173) Sanguin	RV >>>	2	4,2		Negative			
(174) IVT Imuno	RV >>>	1	2,1		Negative			
(183) Immunodiagnostic Systems	RV >>>	1	2,1		Negative			
(999) another manufacturer	RV >>>	1	2,1		Negative			
(1025) Antigen e		47				47	46	98
Sample 1		47				47	47	100
(14) Bio-Rad	RV >>>	18	38		Positive			
(80) DiaMed	RV >>>	1	2,1		Positive			
(159) Grifols	RV >>>	19	40		Positive			
(172) Immucor	RV >>>	4	8,5		Positive			
(173) Sanguin	RV >>>	2	4,3		Positive			
(174) IVT Imuno	RV >>>	1	2,1		Positive			
(183) Immunodiagnostic Systems	RV >>>	1	2,1		Positive			
(999) another manufacturer	RV >>>	1	2,1		Positive			
Sample 2		47				47	46	98
(14) Bio-Rad		1	2,1		Negative			
	RV >>>	17	36		Positive			
(80) DiaMed	RV >>>	1	2,1		Positive			
(159) Grifols	RV >>>	19	40		Positive			
(172) Immucor	RV >>>	4	8,5		Positive			
(173) Sanguin	RV >>>	2	4,3		Positive			
(174) IVT Imuno	RV >>>	1	2,1		Positive			
(183) Immunodiagnostic Systems	RV >>>	1	2,1		Positive			
(999) another manufacturer	RV >>>	1	2,1		Positive			
(1023) Antigen C^w		40				40	39	98
Sample 1		40				40	40	100
(14) Bio-Rad	RV >>>	9	23		Negative			
(159) Grifols	RV >>>	19	48		Negative			
(170) Biotest	RV >>>	1	2,5		Negative			
(172) Immucor	RV >>>	3	7,5		Negative			
(173) Sanguin	RV >>>	5	13		Negative			
(174) IVT Imuno	RV >>>	2	5		Negative			
(999) another manufacturer	RV >>>	1	2,5		Negative			
Sample 2		40				40	39	98
(14) Bio-Rad	RV >>>	9	23		Negative			
(159) Grifols	RV >>>	18	45		Negative			
		1	2,5		Positive			
(170) Biotest	RV >>>	1	2,5		Negative			
(172) Immucor	RV >>>	3	7,5		Negative			
(173) Sanguin	RV >>>	5	13		Negative			
(174) IVT Imuno	RV >>>	2	5		Negative			
(999) another manufacturer	RV >>>	1	2,5		Negative			
(1026) Antigen K		49				49	47	96
Sample 1		49				49	48	98
(14) Bio-Rad	RV >>>	18	37		Negative			
(80) DiaMed	RV >>>	1	2		Negative			
(159) Grifols	RV >>>	19	39		Negative			
		1	2		Positive			
(172) Immucor	RV >>>	4	8,2		Negative			
(173) Sanguin	RV >>>	2	4,1		Negative			
(174) IVT Imuno	RV >>>	2	4,1		Negative			
(183) Immunodiagnostic Systems	RV >>>	1	2		Negative			
(999) another manufacturer	RV >>>	1	2		Negative			
Sample 2		49				49	48	98
(14) Bio-Rad	RV >>>	17	35		Negative			
		1	2		Positive			

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Test Sample Group	Frequency of the results					Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(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				
(174) IVT Imuno	RV >>>	2	4,1	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	
(14) Bio-Rad	RV >>>	5	19	Positive				
(64) Exbio Olomouc	RV >>>	3	11	Positive				
(80) DiaMed	RV >>>	2	7,4	Positive				
(159) Grifols	RV >>>	1	3,7	Positive				
(172) Immucor	RV >>>	2	7,4	Positive				
(173) Sanguin	RV >>>	14	52	Positive				
Sample 2		27			27	27	100	
(14) Bio-Rad	RV >>>	5	19	Positive				
(64) Exbio Olomouc	RV >>>	3	11	Positive				
(80) DiaMed	RV >>>	2	7,4	Positive				
(159) Grifols	RV >>>	1	3,7	Positive				
(172) Immucor	RV >>>	2	7,4	Positive				
(173) Sanguin	RV >>>	14	52	Positive				
(1039) Antigen Kp^a		4			4	3	75	
Sample 1		4			4	3	75	
(14) Bio-Rad	RV >>>	2	50	Negative				
(80) DiaMed	RV >>>	1	25	Negative				
(159) Grifols		1	25	Positive				
Sample 2		4			4	4	100	
(14) Bio-Rad	RV >>>	2	50	Positive				
(80) DiaMed	RV >>>	1	25	Positive				
(159) Grifols	RV >>>	1	25	Positive				
(1040) Antigen Kp^b		2			2	2	100	
Sample 1		2			2	2	100	
(14) Bio-Rad	RV >>>	1	50	Positive				
(80) DiaMed	RV >>>	1	50	Positive				
Sample 2		2			2	2	100	
(14) Bio-Rad	RV >>>	1	50	Positive				
(80) DiaMed	RV >>>	1	50	Positive				
(1033) Antigen Jk^a		29			29	29	100	
Sample 1		29			29	29	100	
(14) Bio-Rad	RV >>>	2	6,9	Positive				
(52) Dynex	RV >>>	1	3,4	Positive				
(64) Exbio Olomouc	RV >>>	2	6,9	Positive				
(80) DiaMed	RV >>>	1	3,4	Positive				
(159) Grifols	RV >>>	7	24	Positive				
(172) Immucor	RV >>>	8	28	Positive				
(173) Sanguin	RV >>>	8	28	Positive				
Sample 2		29			29	29	100	
(14) Bio-Rad	RV >>>	2	6,9	Positive				
(52) Dynex	RV >>>	1	3,4	Positive				
(64) Exbio Olomouc	RV >>>	2	6,9	Positive				
(80) DiaMed	RV >>>	1	3,4	Positive				
(159) Grifols	RV >>>	7	24	Positive				
(172) Immucor	RV >>>	8	28	Positive				
(173) Sanguin	RV >>>	8	28	Positive				
(1034) Antigen Jk^b		29			29	29	100	
Sample 1		29			29	29	100	
(14) Bio-Rad	RV >>>	2	6,9	Negative				
(64) Exbio Olomouc	RV >>>	2	6,9	Negative				
(80) DiaMed	RV >>>	1	3,4	Negative				
(159) Grifols	RV >>>	7	24	Negative				
(172) Immucor	RV >>>	8	28	Negative				
(173) Sanguin	RV >>>	9	31	Negative				
Sample 2		29			29	29	100	
(14) Bio-Rad	RV >>>	2	6,9	Positive				
(64) Exbio Olomouc	RV >>>	2	6,9	Positive				
(80) DiaMed	RV >>>	1	3,4	Positive				
(159) Grifols	RV >>>	7	24	Positive				
(172) Immucor	RV >>>	8	28	Positive				

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(173) Sanguin	RV >>>	9	31	Positive				
(1028) Antigen M		27			27	27	100	
Sample 1		27			27	27	100	
(6) APR	RV >>>	1	3,7	Positive				
(14) Bio-Rad	RV >>>	5	19	Positive				
(64) Exbio Olomouc	RV >>>	1	3,7	Positive				
(80) DiaMed	RV >>>	1	3,7	Positive				
(159) Grifols	RV >>>	6	22	Positive				
(172) Immucor	RV >>>	6	22	Positive				
(173) Sanguin	RV >>>	4	15	Positive				
(174) IVT Imuno	RV >>>	1	3,7	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	3,7	Positive				
(203) ANTITOXIN	RV >>>	1	3,7	Positive				
Sample 2		27			27	27	100	
(6) APR	RV >>>	1	3,7	Positive				
(14) Bio-Rad	RV >>>	5	19	Positive				
(64) Exbio Olomouc	RV >>>	1	3,7	Positive				
(80) DiaMed	RV >>>	1	3,7	Positive				
(159) Grifols	RV >>>	6	22	Positive				
(172) Immucor	RV >>>	6	22	Positive				
(173) Sanguin	RV >>>	4	15	Positive				
(174) IVT Imuno	RV >>>	1	3,7	Positive				
(183) Immunodiagnostic Systems	RV >>>	1	3,7	Positive				
(203) ANTITOXIN	RV >>>	1	3,7	Positive				
(1029) Antigen N		25			25	24	96	
Sample 1		25			25	24	96	
(6) APR	RV >>>	1	4	Negative				
(14) Bio-Rad	RV >>>	5	20	Negative				
(64) Exbio Olomouc	RV >>>	1	4	Negative				
(80) DiaMed	RV >>>	1	4	Negative				
(159) Grifols	RV >>>	6	24	Negative				
(172) Immucor	RV >>>	2	8	Negative				
		1	4	Positive				
(173) Sanguin	RV >>>	5	20	Negative				
(174) IVT Imuno	RV >>>	1	4	Negative				
(183) Immunodiagnostic Systems	RV >>>	1	4	Negative				
(203) ANTITOXIN	RV >>>	1	4	Negative				
Sample 2		25			25	24	96	
(6) APR	RV >>>	1	4	Negative				
(14) Bio-Rad	RV >>>	5	20	Negative				
(64) Exbio Olomouc	RV >>>	1	4	Negative				
(80) DiaMed	RV >>>	1	4	Negative				
(159) Grifols	RV >>>	6	24	Negative				
(172) Immucor	RV >>>	2	8	Negative				
		1	4	Positive				
(173) Sanguin	RV >>>	5	20	Negative				
(174) IVT Imuno	RV >>>	1	4	Negative				
(183) Immunodiagnostic Systems	RV >>>	1	4	Negative				
(203) ANTITOXIN	RV >>>	1	4	Negative				
(1030) Antigen S		25			25	24	96	
Sample 1		25			25	24	96	
(6) APR	RV >>>	1	4	Negative				
(14) Bio-Rad	RV >>>	2	8	Negative				
(64) Exbio Olomouc	RV >>>	2	8	Negative				
(159) Grifols	RV >>>	4	16	Negative				
		1	4	Positive				
(172) Immucor	RV >>>	10	40	Negative				
(173) Sanguin	RV >>>	4	16	Negative				
(183) Immunodiagnostic Systems	RV >>>	1	4	Negative				
Sample 2		25			25	24	96	
(6) APR	RV >>>	1	4	Negative				
(14) Bio-Rad	RV >>>	2	8	Negative				
(64) Exbio Olomouc	RV >>>	2	8	Negative				
(159) Grifols	RV >>>	4	16	Negative				
		1	4	Positive				
(172) Immucor	RV >>>	10	40	Negative				
(173) Sanguin	RV >>>	4	16	Negative				
(183) Immunodiagnostic Systems	RV >>>	1	4	Negative				

EQA round: PAT2/24 - Direct Antiglobulin Test

Deadline: 15.11.2024

Setup: groups - R (manufacturer of kit)

Test Sample Group	Frequency of the results					Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(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 >>>	5	26	Positive				
(172) Immucor	RV >>>	11	58	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 >>>	5	26	Positive				
(172) Immucor	RV >>>	11	58	Positive				
(1035) Antigen Le^a		20			20	19	95	
Sample 1		20			20	20	100	
(14) Bio-Rad	RV >>>	1	5	Negative				
(64) Exbio Olomouc	RV >>>	2	10	Negative				
(80) DiaMed	RV >>>	1	5	Negative				
(159) Grifols	RV >>>	6	30	Negative				
(172) Immucor	RV >>>	7	35	Negative				
(173) Sanguin	RV >>>	3	15	Negative				
Sample 2		20			20	19	95	
(14) Bio-Rad	RV >>>	1	5	Negative				
(64) Exbio Olomouc	RV >>>	2	10	Negative				
(80) DiaMed	RV >>>	1	5	Negative				
(159) Grifols	RV >>>	5	25	Negative				
		1	5	Positive				
(172) Immucor	RV >>>	7	35	Negative				
(173) Sanguin	RV >>>	3	15	Negative				
(1036) Antigen Le^b		20			20	18	90	
Sample 1		20			20	18	90	
(14) Bio-Rad	RV >>>	1	5	Positive				
(64) Exbio Olomouc	RV >>>	1	5	Positive				
(80) DiaMed	RV >>>	1	5	Positive				
(159) Grifols		2	10	Negative				
	RV >>>	4	20	Positive				
(172) Immucor	RV >>>	7	35	Positive				
(173) Sanguin	RV >>>	2	10	Positive				
(999) another manufacturer	RV >>>	2	10	Positive				
Sample 2		20			20	20	100	
(14) Bio-Rad	RV >>>	1	5	Negative				
(64) Exbio Olomouc	RV >>>	1	5	Negative				
(80) DiaMed	RV >>>	1	5	Negative				
(159) Grifols	RV >>>	6	30	Negative				
(172) Immucor	RV >>>	7	35	Negative				
(173) Sanguin	RV >>>	2	10	Negative				
(999) another manufacturer	RV >>>	2	10	Negative				
(1032) Antigen P1		21			21	21	100	
Sample 1		21			21	21	100	
(14) Bio-Rad	RV >>>	4	19	Positive				
(64) Exbio Olomouc	RV >>>	2	9,5	Positive				
(80) DiaMed	RV >>>	1	4,8	Positive				
(159) Grifols	RV >>>	3	14	Positive				
(172) Immucor	RV >>>	6	29	Positive				
(173) Sanguin	RV >>>	5	24	Positive				
Sample 2		21			21	21	100	
(14) Bio-Rad	RV >>>	4	19	Positive				
(64) Exbio Olomouc	RV >>>	2	9,5	Positive				
(80) DiaMed	RV >>>	1	4,8	Positive				
(159) Grifols	RV >>>	3	14	Positive				
(172) Immucor	RV >>>	6	29	Positive				
(173) Sanguin	RV >>>	5	24	Positive				