

EQA round: PAT1/24 - Direct Antiglobulin Test

Deadline: 31.5.2024

Setup: Slovakia

AV = assigned value

RV = reference value

>>> ... expected result

> ... acceptable result

± ... result not assessed

N_{tot} = total number of the resultsN_{rel} = relative number of the resultsN_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

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)		11				11	11	100
Sample 1		11				11	11	100
All results	RV	>>>	1	9,1	Positive (2+)			
		>	10	91	Positive (3+)			
Sample 2		11				11	11	100
All results	RV	>>>	1	9,1	Positive (3+)			
		>	10	91	Positive (4+)			
(1002) Sensitization specificity anti-IgG		5				5	5	100
Sample 1		5				5	5	100
All results	RV	>>>	1	20	Positive (2+)			
		>	4	80	Positive (3+)			
Sample 2		5				5	5	100
All results	RV	>>>	1	20	Positive (3+)			
		>	4	80	Positive (4+)			
(1003) Sensitization specificity anti-IgA		4				4	4	100
Sample 1		4				4	4	100
All results	RV	>>>	4	100	Negative			
Sample 2		4				4	4	100
All results	RV	>>>	4	100	Negative			
(1004) Sensitization specificity anti-IgM		4				4	4	100
Sample 1		4				4	4	100
All results	RV	>>>	4	100	Negative			
Sample 2		4				4	4	100
All results	RV	>>>	4	100	Negative			
(1005) Sensitization specificity anti-C3c		4				4	4	100
Sample 1		4				4	4	100
All results	RV	>>>	4	100	Negative			
Sample 2		4				4	4	100
All results	RV	>>>	3	75	Negative			
	RV	>>>	1	25	Positive (1+)			
(1006) Sensitization specificity anti-C3d		5				5	5	100
Sample 1		5				5	5	100
All results	RV	>>>	5	100	Negative			
Sample 2		5				5	5	100
All results		>	1	20	Positive (2+)			
	RV	>>>	4	80	Positive (3+)			
(1008) Col. agglut: Quantif. IgG-DAT		4				4	4	100
Sample 1		4				4	4	100
All results		>	1	25	1:10			
	RV	>>>	3	75	1:30			
Sample 2		4				4	4	100
All results	RV	>>>	2	50	1:100			
		>	2	50	1:300			
(1009) Col. agglut: Subclass IgG1 1:1		3				3	3	100
Sample 1		3				3	3	100
All results	RV	>>>	3	100	Negative			
Sample 2		3				3	3	100
All results	RV	>>>	3	100	Negative			
(1010) Col. agglut: Subclass IgG1 1:100		3				3	3	100
Sample 1		3				3	3	100
All results	RV	>>>	3	100	Negative			
Sample 2		3				3	3	100
All results	RV	>>>	3	100	Negative			
(1011) Col. agglut: Subclass IgG3 1:1		3				3	3	100
Sample 1		3				3	3	100
All results	RV	>>>	3	100	Negative			
Sample 2		3				3	3	100
All results	RV	>>>	1	33	Positive (3+)			
		>	2	67	Positive (4+)			
(1012) Col. agglut: Subclass IgG3 1:100		3				3	3	100
Sample 1		3				3	3	100
All results	RV	>>>	3	100	Negative			
Sample 2		3				3	3	100
All results	RV	>>>	1	33	Positive (2+)			

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
	>	2	67	Positive (3+)			
(1019) AB0 blood group		9			9	9	100
Sample 1		9			9	9	100
All results	RV >>>	9	100	Blood group: 0			
Sample 2		9			9	9	100
All results	RV >>>	9	100	Blood group: B			
(1020) Rh D antigen		9			9	8	89
Sample 1		9			9	8	89
All results	RV >>>	8	89	Positive (RhD+)			
		1	11	w/v (RhD weak/variant)			
Sample 2		9			9	8	89
All results	RV >>>	8	89	Positive (RhD+)			
		1	11	w/v (RhD weak/variant)			
(1021) Antigen C		5			5	5	100
Sample 1		5			5	5	100
All results	RV >>>	5	100	Positive			
Sample 2		5			5	5	100
All results	RV >>>	5	100	Positive			
(1022) Antigen c		5			5	5	100
Sample 1		5			5	5	100
All results	RV >>>	5	100	Positive			
Sample 2		5			5	5	100
All results	RV >>>	5	100	Positive			
(1024) Antigen E		6			6	6	100
Sample 1		6			6	6	100
All results	RV >>>	6	100	Negative			
Sample 2		6			6	6	100
All results	RV >>>	6	100	Negative			
(1025) Antigen e		5			5	5	100
Sample 1		5			5	5	100
All results	RV >>>	5	100	Positive			
Sample 2		5			5	5	100
All results	RV >>>	5	100	Positive			
(1023) Antigen C^w		5			5	5	100
Sample 1		5			5	5	100
All results	RV >>>	5	100	Negative			
Sample 2		5			5	5	100
All results	RV >>>	5	100	Negative			
(1026) Antigen K		7			7	7	100
Sample 1		7			7	7	100
All results	RV >>>	7	100	Negative			
Sample 2		7			7	7	100
All results	RV >>>	7	100	Negative			
(1027) Antigen k		3			3	3	100
Sample 1		3			3	3	100
All results	RV >>>	3	100	Positive			
Sample 2		3			3	3	100
All results	RV >>>	3	100	Positive			
(1039) Antigen Kp^a		2			2	1	50
Sample 1		2			2	1	50
All results	RV >>>	1	50	Negative			
		1	50	Positive			
Sample 2		2			2	1	50
All results	RV >>>	1	50	Negative			
		1	50	Positive			
(1040) Antigen Kp^b		1			1	1	100
Sample 1		1			1	1	100
All results	RV >>>	1	100	Positive			
Sample 2		1			1	1	100
All results	RV >>>	1	100	Positive			
(1033) Antigen Jk^a		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Positive			
Sample 2		4			4	4	100
All results	RV >>>	4	100	Positive			
(1034) Antigen Jk^b		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Positive			

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
Sample 2		4					
All results	RV >>>	4	100	Positive	4	4	100
(1028) Antigen M		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Positive			
Sample 2		4			4	4	100
All results	RV >>>	4	100	Positive			
(1029) Antigen N		4			4	3	75
Sample 1		4			4	4	100
All results	RV >>>	4	100	Positive			
Sample 2		4			4	3	75
All results	RV >>>	3	75	Negative			
		1	25	Positive			
(1030) Antigen S		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Positive			
Sample 2		4			4	4	100
All results	RV >>>	4	100	Positive			
(1031) Antigen s		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Positive			
Sample 2		4			4	4	100
All results	RV >>>	4	100	Positive			
(1035) Antigen Le^a		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Negative			
Sample 2		4			4	4	100
All results	RV >>>	4	100	Negative			
(1036) Antigen Le^b		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Positive			
Sample 2		4			4	4	100
All results	RV >>>	4	100	Positive			
(1032) Antigen P1		4			4	4	100
Sample 1		4			4	4	100
All results	RV >>>	4	100	Negative			
Sample 2		4			4	4	100
All results	RV >>>	4	100	Positive			