

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

Test

Sample	Group	N	Result	N _{rel}	
(1001) DAT (direct Coombs test)					
1	(1) Column agglutination - automat	>	1 Positive (1+)	1,2 %	
		>	10 Positive (2+)	12 %	
		>>>	8 Positive (3+)	9,4 %	
	(2) Column agglutination - manual	>	2 Positive (1+)	2,4 %	
		>	30 Positive (2+)	35 %	
		>>>	25 Positive (3+)	29 %	
		>	8 Positive (4+)	9,4 %	
	(3) Tube test	>	1 Positive (1+)	1,2 %	
	Total per sample: n = 85		Success: 100 %	-----	
	2	(1) Column agglutination - automat	>	2 Positive (1+)	2,4 %
>>>			9 Positive (2+)	11 %	
>			8 Positive (3+)	9,4 %	
(2) Column agglutination - manual		>	9 Positive (1+)	11 %	
		>>>	33 Positive (2+)	39 %	
		>	16 Positive (3+)	19 %	
		>	7 Positive (4+)	8,2 %	
(3) Tube test		>>>	1 Positive (2+)	1,2 %	
Total per sample: n = 85		Success: 100 %	-----		
Total success: 100 %					

(1002) Sensitization specificity anti-IgG

1	(0) Not specified	>	1 Positive (3+)	2,4 %	
	(1) Column agglutination - automat	>>>	2 Positive (2+)	4,9 %	
		>	1 Positive (3+)	2,4 %	
		(2) Column agglutination - manual	>	4 Positive (1+)	9,8 %
	>>>	28 Positive (2+)	68 %		
	>	4 Positive (3+)	9,8 %		
	>	1 Positive (4+)	2,4 %		
	Total per sample: n = 41		Success: 100 %	-----	
	2	(0) Not specified	>	1 Positive (3+)	2,4 %
		(1) Column agglutination - automat	>>>	1 Positive (2+)	2,4 %
>			1 Positive (3+)	2,4 %	
>			1 Positive (4+)	2,4 %	
(2) Column agglutination - manual			1 Negative	2,4 %	
		>	3 Positive (1+)	7,3 %	
		>>>	25 Positive (2+)	61 %	
>		5 Positive (3+)	12 %		
>	3 Positive (4+)	7,3 %			
Total per sample: n = 41		Success: 98 %	-----		
Total success: 98 %					

(1003) Sensitization specificity anti-IgA

1	(1) Column agglutination - automat	>>>	1 Negative	3,1 %
	(2) Column agglutination - manual	>>>	31 Negative	97 %
	Total per sample: n = 32		Success: 100 %	-----
2	(1) Column agglutination - automat	>>>	1 Negative	3,1 %
	(2) Column agglutination - manual	>>>	31 Negative	97 %
	Total per sample: n = 32		Success: 100 %	-----
Total success: 100 %				

(1004) Sensitization specificity anti-IgM

1	(1) Column agglutination - automat	>>>	1 Negative	3,1 %
	(2) Column agglutination - manual	>>>	31 Negative	97 %
	Total per sample: n = 32		Success: 100 %	-----
2	(1) Column agglutination - automat	>>>	1 Negative	3,1 %
	(2) Column agglutination - manual	>>>	31 Negative	97 %
	Total per sample: n = 32		Success: 100 %	-----
Total success: 100 %				

(1005) Sensitization specificity anti-C3c

1	(1) Column agglutination - automat	>>>	1 Negative	3,1 %
	(2) Column agglutination - manual	>>>	29 Negative	91 %
		>	2 Positive (1+)	6,3 %
Total per sample: n = 32		Success: 100 %	-----	
2	(1) Column agglutination - automat	>>>	1 Negative	3,1 %
	(2) Column agglutination - manual	>>>	31 Negative	97 %
	Total per sample: n = 32		Success: 100 %	-----

Test	Sample	Group	N	Result	N _{rel}
Total success: 100 %					
(1006) Sensitization specificity anti-C3d					
1	(0)	Not specified	>	1 Positive (2+)	2,6 %
	(1)	Column agglutination - automat	>>>	1 Positive (1+)	2,6 %
			>	1 Positive (2+)	2,6 %
	(2)	Column agglutination - manual		4 Negative	10 %
			>>>	29 Positive (1+)	74 %
			>	2 Positive (2+)	5,1 %
	(3)	Tube test	>>>	1 Positive (1+)	2,6 %
	Total per sample: n = 39		Success: 90 %		
2	(0)	Not specified	>>>	1 Negative	2,6 %
	(1)	Column agglutination - automat	>>>	2 Negative	5,1 %
	(2)	Column agglutination - manual	>>>	35 Negative	90 %
	(3)	Tube test	>>>	1 Negative	2,6 %
	Total per sample: n = 39		Success: 100 %		
Total success: 90 %					
(1008) Col. agglut: Quantif. IgG-DAT					
1	(1)	Column agglutination - automat	>>>	1 1:10	4,3 %
	(2)	Column agglutination - manual		3 Negative	13 %
			>>>	19 1:10	83 %
	Total per sample: n = 23		Success: 87 %		
2	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	18 Negative	78 %
				4 1:10	17 %
	Total per sample: n = 23		Success: 83 %		
Total success: 70 %					
(1009) Col. agglut: Subclass IgG1 1:1					
1	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	22 Negative	96 %
	Total per sample: n = 23		Success: 100 %		
2	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	20 Negative	87 %
				2 Positive (1+)	8,7 %
	Total per sample: n = 23		Success: 91 %		
Total success: 91 %					
(1010) Col. agglut: Subclass IgG1 1:100					
1	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	22 Negative	96 %
	Total per sample: n = 23		Success: 100 %		
2	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	22 Negative	96 %
	Total per sample: n = 23		Success: 100 %		
Total success: 100 %					
(1011) Col. agglut: Subclass IgG3 1:1					
1	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	22 Negative	96 %
	Total per sample: n = 23		Success: 100 %		
2	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	22 Negative	96 %
	Total per sample: n = 23		Success: 100 %		
Total success: 100 %					
(1012) Col. agglut: Subclass IgG3 1:100					
1	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	22 Negative	96 %
	Total per sample: n = 23		Success: 100 %		
2	(1)	Column agglutination - automat	>>>	1 Negative	4,3 %
	(2)	Column agglutination - manual	>>>	22 Negative	96 %
	Total per sample: n = 23		Success: 100 %		
Total success: 100 %					
(1019) AB0 blood group					
1	(1)	Column agglutination - automat	>>>	14 Blood group: 0	25 %
	(2)	Column agglutination - manual	>>>	21 Blood group: 0	38 %
	(3)	Tube test	>>>	19 Blood group: 0	34 %
	(4)	Solid phase	>>>	1 Blood group: 0	1,8 %
	(99)	Another measurement principle	>>>	1 Blood group: 0	1,8 %
	Total per sample: n = 56		Success: 100 %		
2	(1)	Column agglutination - automat	>>>	14 Blood group: A	25 %

Test					
Sample	Group		N	Result	N _{rel}
2	(2) Column agglutination - manual	>>>	21	Blood group: A	38 %
	(3) Tube test	>>>	19	Blood group: A	34 %
	(4) Solid phase	>>>	1	Blood group: A	1,8 %
	(99) Another measurement principle	>>>	1	Blood group: A	1,8 %
	Total per sample: n = 56		Success: 100 %		
Total success: 100 %					
(1020) Rh D antigen					
1	(1) Column agglutination - automat	>>>	14	Positive (RhD+)	25 %
	(2) Column agglutination - manual	>>>	21	Positive (RhD+)	38 %
	(3) Tube test	>>>	20	Positive (RhD+)	36 %
	(99) Another measurement principle	>>>	1	Positive (RhD+)	1,8 %
	Total per sample: n = 56		Success: 100 %		
2	(1) Column agglutination - automat	>>>	14	Positive (RhD+)	25 %
	(2) Column agglutination - manual	>>>	21	Positive (RhD+)	38 %
	(3) Tube test	>>>	20	Positive (RhD+)	36 %
	(99) Another measurement principle	>>>	1	Positive (RhD+)	1,8 %
	Total per sample: n = 56		Success: 100 %		
Total success: 100 %					
(1021) Antigen C					
1	(1) Column agglutination - automat	>>>	8	Positive	17 %
	(2) Column agglutination - manual	>>>	25	Positive	54 %
	(3) Tube test	>>>	11	Positive	24 %
	(4) Solid phase	>>>	1	Positive	2,2 %
	(99) Another measurement principle	>>>	1	Positive	2,2 %
Total per sample: n = 46		Success: 100 %			
2	(1) Column agglutination - automat	>>>	8	Positive	17 %
	(2) Column agglutination - manual	>>>	25	Positive	54 %
	(3) Tube test	>>>	11	Positive	24 %
	(4) Solid phase	>>>	1	Positive	2,2 %
	(99) Another measurement principle	>>>	1	Positive	2,2 %
Total per sample: n = 46		Success: 100 %			
Total success: 100 %					
(1022) Antigen c					
1	(1) Column agglutination - automat	>>>	8	Positive	17 %
	(2) Column agglutination - manual	>>>	25	Positive	54 %
	(3) Tube test	>>>	11	Positive	24 %
	(4) Solid phase	>>>	1	Positive	2,2 %
	(99) Another measurement principle	>>>	1	Positive	2,2 %
Total per sample: n = 46		Success: 100 %			
2	(1) Column agglutination - automat	>>>	8	Positive	17 %
	(2) Column agglutination - manual	>>>	25	Positive	54 %
	(3) Tube test	>>>	11	Positive	24 %
	(4) Solid phase	>>>	1	Positive	2,2 %
	(99) Another measurement principle	>>>	1	Positive	2,2 %
Total per sample: n = 46		Success: 100 %			
Total success: 100 %					
(1023) Antigen Cw					
1	(1) Column agglutination - automat	>>>	4	Negative	10 %
	(2) Column agglutination - manual	>>>	20	Negative	51 %
	(3) Tube test	>>>	13	Negative	33 %
	(4) Solid phase	>>>	1	Negative	2,6 %
	(99) Another measurement principle	>>>	1	Negative	2,6 %
Total per sample: n = 39		Success: 100 %			
2	(1) Column agglutination - automat	>>>	4	Negative	10 %
	(2) Column agglutination - manual	>>>	20	Negative	51 %
	(3) Tube test	>>>	13	Negative	33 %
	(4) Solid phase	>>>	1	Negative	2,6 %
	(99) Another measurement principle	>>>	1	Negative	2,6 %
Total per sample: n = 39		Success: 100 %			
Total success: 100 %					
(1024) Antigen E					
1	(1) Column agglutination - automat	>>>	8	Negative	17 %
	(2) Column agglutination - manual	>>>	25	Negative	53 %
	(3) Tube test	>>>	12	Negative	26 %
	(4) Solid phase	>>>	1	Negative	2,1 %
	(99) Another measurement principle	>>>	1	Negative	2,1 %

EQA round: PAT1/22 - Direct Antiglobulin Test

Deadline: 03.06.2022

Test	Sample	Group	N	Result	N _{rel}
Total per sample: n = 47 ----- Success: 100 % -----					
2	(1)	Column agglutination - automat	>>> 8	Negative	17 %
	(2)	Column agglutination - manual	>>> 25	Negative	53 %
	(3)	Tube test	>>> 12	Negative	26 %
	(4)	Solid phase	>>> 1	Negative	2,1 %
	(99)	Another measurement principle	>>> 1	Negative	2,1 %
Total per sample: n = 47 ----- Success: 100 % -----					
Total success: 100 %					
(1025) Antigen e					
1	(1)	Column agglutination - automat	>>> 8	Positive	17 %
	(2)	Column agglutination - manual	>>> 25	Positive	54 %
	(3)	Tube test	>>> 11	Positive	24 %
	(4)	Solid phase	>>> 1	Positive	2,2 %
	(99)	Another measurement principle	>>> 1	Positive	2,2 %
Total per sample: n = 46 ----- Success: 100 % -----					
2	(1)	Column agglutination - automat	>>> 8	Positive	17 %
	(2)	Column agglutination - manual	>>> 25	Positive	54 %
	(3)	Tube test	>>> 11	Positive	24 %
	(4)	Solid phase	>>> 1	Positive	2,2 %
	(99)	Another measurement principle	>>> 1	Positive	2,2 %
Total per sample: n = 46 ----- Success: 100 % -----					
Total success: 100 %					
(1026) Antigen K					
1	(1)	Column agglutination - automat	>>> 8	Negative	17 %
	(2)	Column agglutination - manual	>>> 26	Negative	54 %
	(3)	Tube test	>>> 12	Negative	25 %
	(4)	Solid phase	>>> 1	Negative	2,1 %
	(99)	Another measurement principle	>>> 1	Negative	2,1 %
Total per sample: n = 48 ----- Success: 100 % -----					
2	(1)	Column agglutination - automat	>>> 8	Negative	17 %
	(2)	Column agglutination - manual	>>> 26	Negative	54 %
	(3)	Tube test	>>> 12	Negative	25 %
	(4)	Solid phase	>>> 1	Negative	2,1 %
	(99)	Another measurement principle	>>> 1	Negative	2,1 %
Total per sample: n = 48 ----- Success: 100 % -----					
Total success: 100 %					
(1027) Antigen k					
1	(1)	Column agglutination - automat	>>> 1	Positive	3,7 %
	(2)	Column agglutination - manual	>>> 8	Positive	30 %
	(3)	Tube test	>>> 18	Positive	67 %
Total per sample: n = 27 ----- Success: 100 % -----					
2	(1)	Column agglutination - automat	>>> 1	Positive	3,7 %
	(2)	Column agglutination - manual	>>> 8	Positive	30 %
	(3)	Tube test	>>> 18	Positive	67 %
Total per sample: n = 27 ----- Success: 100 % -----					
Total success: 100 %					
(1028) Antigen M					
1	(2)	Column agglutination - manual	>>> 7	Positive	28 %
	(3)	Tube test	>>> 18	Positive	72 %
Total per sample: n = 25 ----- Success: 100 % -----					
2	(2)	Column agglutination - manual	>>> 7	Positive	28 %
	(3)	Tube test	>>> 18	Positive	72 %
Total per sample: n = 25 ----- Success: 100 % -----					
Total success: 100 %					
(1029) Antigen N					
1	(2)	Column agglutination - manual	>>> 7	Positive	30 %
	(3)	Tube test	>>> 16	Positive	70 %
Total per sample: n = 23 ----- Success: 100 % -----					
2	(2)	Column agglutination - manual	>>> 7	Negative	30 %
	(3)	Tube test	>>> 16	Negative	70 %
Total per sample: n = 23 ----- Success: 100 % -----					
Total success: 100 %					
(1030) Antigen S					
1	(2)	Column agglutination - manual	>>> 5	Positive	19 %
	(3)	Tube test	>>> 20	Positive	77 %
	(99)	Another measurement principle	>>> 1	Positive	3,8 %
Total per sample: n = 26 ----- Success: 100 % -----					

EQA round: PAT1/22 - Direct Antiglobulin Test

Deadline: 03.06.2022

Test		N	Result	N _{rel}
Sample	Group			
2	(2) Column agglutination - manual	>>>	2 Negative	7,7 %
			3 Positive	12 %
	(3) Tube test	>>>	20 Negative	77 %
	(99) Another measurement principle	>>>	1 Negative	3,8 %
Total per sample: n = 26		Success: 88 %		
Total success: 88 %				
(1031) Antigen s				
1	(2) Column agglutination - manual	>>>	2 Negative	10 %
			3 Positive	15 %
	(3) Tube test	>>>	13 Negative	65 %
	(99) Another measurement principle	>>>	1 Positive	5,0 %
Total per sample: n = 20		Success: 80 %		
2	(2) Column agglutination - manual	>>>	5 Positive	25 %
	(3) Tube test	>>>	14 Positive	70 %
	(99) Another measurement principle	>>>	1 Positive	5,0 %
Total per sample: n = 20		Success: 100 %		
Total success: 80 %				
(1032) Antigen P1				
1	(2) Column agglutination - manual	>>>	4 Positive	18 %
	(3) Tube test	>>>	18 Positive	82 %
Total per sample: n = 22		Success: 100 %		
2	(2) Column agglutination - manual	>>>	4 Positive	18 %
	(3) Tube test	>>>	18 Positive	82 %
Total per sample: n = 22		Success: 100 %		
Total success: 100 %				
(1033) Antigen Jka				
1	(2) Column agglutination - manual	>>>	9 Negative	31 %
	(3) Tube test	>>>	19 Negative	66 %
	(99) Another measurement principle	>>>	1 Negative	3,4 %
Total per sample: n = 29		Success: 100 %		
2	(2) Column agglutination - manual	>>>	9 Positive	31 %
	(3) Tube test	>>>	19 Positive	66 %
	(99) Another measurement principle	>>>	1 Positive	3,4 %
Total per sample: n = 29		Success: 100 %		
Total success: 100 %				
(1034) Antigen Jkb				
1	(2) Column agglutination - manual	>>>	8 Positive	29 %
	(3) Tube test	>>>	18 Positive	64 %
	(4) Solid phase	>>>	1 Positive	3,6 %
	(99) Another measurement principle	>>>	1 Positive	3,6 %
Total per sample: n = 28		Success: 100 %		
2	(2) Column agglutination - manual	>>>	8 Positive	29 %
	(3) Tube test	>>>	18 Positive	64 %
	(4) Solid phase	>>>	1 Positive	3,6 %
	(99) Another measurement principle	>>>	1 Positive	3,6 %
Total per sample: n = 28		Success: 100 %		
Total success: 100 %				
(1035) Antigen Lea				
1	(2) Column agglutination - manual	>>>	5 Negative	25 %
	(3) Tube test	>>>	15 Negative	75 %
Total per sample: n = 20		Success: 100 %		
2	(2) Column agglutination - manual	>>>	5 Negative	25 %
	(3) Tube test	>>>	15 Negative	75 %
Total per sample: n = 20		Success: 100 %		
Total success: 100 %				
(1036) Antigen Leb				
1	(2) Column agglutination - manual	>>>	5 Positive	25 %
	(3) Tube test	>>>	15 Positive	75 %
Total per sample: n = 20		Success: 100 %		
2	(2) Column agglutination - manual	>>>	5 Positive	25 %
	(3) Tube test	>>>	15 Positive	75 %
Total per sample: n = 20		Success: 100 %		
Total success: 100 %				