

Key: >>> ... marks correct (expected) result

> ... marks conditionally correct (acceptable) result

± ... marks the result not evaluated

N ... number of the results

Nrel ... relative number of the results

Test

Sample	Group	N	Result	N _{rel}
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Set of samples 1 and 2**(700) AB0 blood group**

E1 and S1 (0) Not specified	>>>	1	Blood group: 0	0,79 %
(1) Tube test	>>>	53	Blood group: 0	42 %
(2) Microplate - aut.	>>>	5	Blood group: 0	4,0 %
(3) Microplate - man.	>>>	7	Blood group: 0	5,6 %
(4) Microplate reagent kit - aut.	>>>	7	Blood group: 0	5,6 %
(5) Microplate reagent kit - man.	>>>	4	Blood group: 0	3,2 %
(7) Column agglutination - automat	>>>	22	Blood group: 0	17 %
(9) Column agglutination - manual	>>>	26	Blood group: 0	21 %
(10) Solid phase	>>>	1	Blood group: 0	0,79 %
----- Total per sample: n = 126 ----- Success: 100 % -----				
E2 and S2 (0) Not specified	>>>	1	Blood group: A	0,79 %
(1) Tube test	>>>	53	Blood group: A	42 %
(2) Microplate - aut.	>>>	5	Blood group: A	4,0 %
(3) Microplate - man.	>>>	7	Blood group: A	5,6 %
(4) Microplate reagent kit - aut.	>>>	7	Blood group: A	5,6 %
(5) Microplate reagent kit - man.	>>>	4	Blood group: A	3,2 %
(7) Column agglutination - automat	>>>	22	Blood group: A	17 %
(9) Column agglutination - manual	>>>	26	Blood group: A	21 %
(10) Solid phase	>>>	1	Blood group: A	0,79 %
----- Total per sample: n = 126 ----- Success: 100 % -----				
Total success: 100 %				

(703) A subgroup

E1 and S1 (0) Not specified	>>>	37	Not specified	100 %
----- Total per sample: n = 37 ----- Success: 100 % -----				
E2 and S2 (0) Not specified	>>>	37	A subgroup A1	100 %
----- Total per sample: n = 37 ----- Success: 100 % -----				
Total success: 100 %				

(705) Rh D antigen (blood-donor)

E1 and S1 (0) Not specified	>>>	1	Positive (RhD+)	1,3 %
(1) Tube test	>>>	33	Positive (RhD+)	42 %
		1	w/v (RhD weak/variant)	1,3 %
(2) Microplate - aut.	>>>	6	Positive (RhD+)	7,6 %
(3) Microplate - man.	>>>	6	Positive (RhD+)	7,6 %
(4) Microplate reagent kit - aut.	>>>	6	Positive (RhD+)	7,6 %
(5) Microplate reagent kit - man.	>>>	1	Positive (RhD+)	1,3 %
(7) Column agglutination - automat	>>>	10	Positive (RhD+)	13 %
(9) Column agglutination - manual	>>>	14	Positive (RhD+)	18 %
(10) Solid phase	>>>	1	Positive (RhD+)	1,3 %
----- Total per sample: n = 79 ----- Success: 99 % -----				
E2 and S2 (0) Not specified	>>>	1	Positive (RhD+)	1,3 %
(1) Tube test	>>>	34	Positive (RhD+)	43 %
(2) Microplate - aut.	>>>	6	Positive (RhD+)	7,6 %
(3) Microplate - man.	>>>	6	Positive (RhD+)	7,6 %
(4) Microplate reagent kit - aut.	>>>	6	Positive (RhD+)	7,6 %
(5) Microplate reagent kit - man.	>>>	1	Positive (RhD+)	1,3 %
(7) Column agglutination - automat	>>>	10	Positive (RhD+)	13 %
(9) Column agglutination - manual	>>>	14	Positive (RhD+)	18 %
(10) Solid phase	>>>	1	Positive (RhD+)	1,3 %
----- Total per sample: n = 79 ----- Success: 100 % -----				
Total success: 99 %				

(709) Rh D antigen (recipient)

E1 and S1 (0) Not specified	>>>	1	Positive (RhD+)	0,82 %
(1) Tube test	>>>	1	Negative (RhD-)	0,82 %
	>>>	53	Positive (RhD+)	43 %
(2) Microplate - aut.	>>>	5	Positive (RhD+)	4,1 %
(3) Microplate - man.	>>>	5	Positive (RhD+)	4,1 %
(4) Microplate reagent kit - aut.	>>>	7	Positive (RhD+)	5,7 %
(5) Microplate reagent kit - man.	>>>	3	Positive (RhD+)	2,5 %
(7) Column agglutination - automat	>>>	19	Positive (RhD+)	16 %
(9) Column agglutination - manual	>>>	27	Positive (RhD+)	22 %
(10) Solid phase	>>>	1	Positive (RhD+)	0,82 %
----- Total per sample: n = 122 ----- Success: 99 % -----				

Test		N	Result	N _{rel}
Sample	Group			
E2 and S2 (0)	Not specified	>>> 1	Positive (RhD+)	0,82 %
	(1) Tube test	>>> 54	Positive (RhD+)	44 %
	(2) Microplate - aut.	>>> 5	Positive (RhD+)	4,1 %
	(3) Microplate - man.	>>> 5	Positive (RhD+)	4,1 %
	(4) Microplate reagent kit - aut.	>>> 7	Positive (RhD+)	5,7 %
	(5) Microplate reagent kit - man.	>>> 3	Positive (RhD+)	2,5 %
	(7) Column agglutination - automat	>>> 19	Positive (RhD+)	16 %
	(9) Column agglutination - manual	>>> 27	Positive (RhD+)	22 %
	(10) Solid phase	>>> 1	Positive (RhD+)	0,82 %
Total per sample: n = 122		Success: 100 %		

Total success: 99 %

(715) Antigen C

E1 and S1 (0)	Not specified	>>> 1	Positive	1,9 %
	(1) Tube test	>>> 18	Positive	35 %
	(2) Microplate - aut.	>>> 2	Positive	3,8 %
	(4) Microplate reagent kit - aut.	>>> 1	Positive	1,9 %
	(7) Column agglutination - automat	>>> 6	Positive	12 %
	(8) Lateral diffusion	>>> 1	Positive	1,9 %
	(9) Column agglutination - manual	>>> 22	Positive	42 %
	(10) Solid phase	>>> 1	Positive	1,9 %
Total per sample: n = 52		Success: 100 %		
E2 and S2 (0)	Not specified	>>> 1	Positive	1,9 %
	(1) Tube test	>>> 18	Positive	35 %
	(2) Microplate - aut.	>>> 2	Positive	3,8 %
	(4) Microplate reagent kit - aut.	>>> 1	Positive	1,9 %
	(7) Column agglutination - automat	>>> 6	Positive	12 %
	(8) Lateral diffusion	>>> 1	Positive	1,9 %
	(9) Column agglutination - manual	>>> 22	Positive	42 %
	(10) Solid phase	>>> 1	Positive	1,9 %
Total per sample: n = 52		Success: 100 %		

Total success: 100 %

(716) Antigen c

E1 and S1 (0)	Not specified	>>> 1	Positive	1,9 %
	(1) Tube test	>>> 18	Positive	35 %
	(2) Microplate - aut.	>>> 2	Positive	3,8 %
	(4) Microplate reagent kit - aut.	>>> 1	Positive	1,9 %
	(7) Column agglutination - automat	>>> 6	Positive	12 %
	(8) Lateral diffusion	>>> 1	Positive	1,9 %
	(9) Column agglutination - manual	>>> 22	Positive	42 %
	(10) Solid phase	>>> 1	Positive	1,9 %
Total per sample: n = 52		Success: 100 %		
E2 and S2 (0)	Not specified	>>> 1	Negative	1,9 %
	(1) Tube test	>>> 18	Negative	35 %
	(2) Microplate - aut.	>>> 2	Negative	3,8 %
	(4) Microplate reagent kit - aut.	>>> 1	Negative	1,9 %
	(7) Column agglutination - automat	>>> 6	Negative	12 %
	(8) Lateral diffusion	>>> 1	Negative	1,9 %
	(9) Column agglutination - manual	>>> 22	Negative	42 %
	(10) Solid phase	>>> 1	Negative	1,9 %
Total per sample: n = 52		Success: 100 %		

Total success: 100 %

(717) Antigen Cw

E1 and S1 (0)	Not specified	>>> 1	Negative	2,4 %
		1	Positive	2,4 %
	(1) Tube test	>>> 17	Negative	41 %
	(2) Microplate - aut.	>>> 2	Negative	4,9 %
	(7) Column agglutination - automat	>>> 5	Negative	12 %
	(8) Lateral diffusion	>>> 1	Negative	2,4 %
	(9) Column agglutination - manual	>>> 13	Negative	32 %
	(10) Solid phase	>>> 1	Negative	2,4 %
Total per sample: n = 41		Success: 98 %		
E2 and S2 (0)	Not specified	>>> 2	Negative	4,9 %
	(1) Tube test	>>> 17	Negative	41 %
	(2) Microplate - aut.	>>> 2	Negative	4,9 %
	(7) Column agglutination - automat	>>> 5	Negative	12 %
	(8) Lateral diffusion	>>> 1	Negative	2,4 %
	(9) Column agglutination - manual	>>> 13	Negative	32 %
	(10) Solid phase	>>> 1	Negative	2,4 %

Test

Sample	Group	N	Result	N _{rel}
Total per sample: n = 41		Success: 100 %		
Total success: 98 %				
(718) Antigen E				
E1 and S1 (0)	Not specified	>>> 1	Negative	1,9 %
(1)	Tube test	>>> 18	Negative	35 %
(2)	Microplate - aut.	>>> 2	Negative	3,8 %
(4)	Microplate reagent kit - aut.	>>> 1	Negative	1,9 %
(7)	Column agglutination - automat	>>> 6	Negative	12 %
(8)	Lateral diffusion	>>> 1	Negative	1,9 %
(9)	Column agglutination - manual	>>> 22	Negative	42 %
(10)	Solid phase	>>> 1	Negative	1,9 %
Total per sample: n = 52		Success: 100 %		
E2 and S2 (0)	Not specified	>>> 1	Negative	1,9 %
(1)	Tube test	>>> 18	Negative	35 %
(2)	Microplate - aut.	>>> 2	Negative	3,8 %
(4)	Microplate reagent kit - aut.	>>> 1	Negative	1,9 %
(7)	Column agglutination - automat	>>> 6	Negative	12 %
(8)	Lateral diffusion	>>> 1	Negative	1,9 %
(9)	Column agglutination - manual	>>> 22	Negative	42 %
(10)	Solid phase	>>> 1	Negative	1,9 %
Total per sample: n = 52		Success: 100 %		
Total success: 100 %				
(719) Antigen e				
E1 and S1 (0)	Not specified	>>> 1	Positive	1,9 %
(1)	Tube test	>>> 18	Positive	35 %
(2)	Microplate - aut.	>>> 2	Positive	3,8 %
(4)	Microplate reagent kit - aut.	>>> 1	Positive	1,9 %
(7)	Column agglutination - automat	>>> 6	Positive	12 %
(8)	Lateral diffusion	>>> 1	Positive	1,9 %
(9)	Column agglutination - manual	>>> 22	Positive	42 %
(10)	Solid phase	>>> 1	Positive	1,9 %
Total per sample: n = 52		Success: 100 %		
E2 and S2 (0)	Not specified	>>> 1	Positive	1,9 %
(1)	Tube test	>>> 18	Positive	35 %
(2)	Microplate - aut.	>>> 2	Positive	3,8 %
(4)	Microplate reagent kit - aut.	>>> 1	Positive	1,9 %
(7)	Column agglutination - automat	>>> 6	Positive	12 %
(8)	Lateral diffusion	>>> 1	Positive	1,9 %
(9)	Column agglutination - manual	>>> 22	Positive	42 %
(10)	Solid phase	>>> 1	Positive	1,9 %
Total per sample: n = 52		Success: 100 %		
Total success: 100 %				
(720) Antigen K				
E1 and S1 (0)	Not specified	>>> 1	Negative	1,8 %
(1)	Tube test	>>> 19	Negative	34 %
(2)	Microplate - aut.	>>> 2	Negative	3,6 %
(4)	Microplate reagent kit - aut.	>>> 1	Negative	1,8 %
(5)	Microplate reagent kit - man.	>>> 1	Negative	1,8 %
(7)	Column agglutination - automat	>>> 6	Negative	11 %
(8)	Lateral diffusion	>>> 1	Negative	1,8 %
(9)	Column agglutination - manual	>>> 24	Negative	43 %
(10)	Solid phase	>>> 1	Negative	1,8 %
Total per sample: n = 56		Success: 100 %		
E2 and S2 (0)	Not specified	>>> 1	Negative	1,8 %
(1)	Tube test	>>> 19	Negative	34 %
(2)	Microplate - aut.	>>> 2	Negative	3,6 %
(4)	Microplate reagent kit - aut.	>>> 1	Negative	1,8 %
(5)	Microplate reagent kit - man.	>>> 1	Negative	1,8 %
(7)	Column agglutination - automat	>>> 6	Negative	11 %
(8)	Lateral diffusion	>>> 1	Negative	1,8 %
(9)	Column agglutination - manual	>>> 24	Negative	43 %
(10)	Solid phase	>>> 1	Negative	1,8 %
Total per sample: n = 56		Success: 100 %		
Total success: 100 %				
(721) Antigen k				
E1 and S1 (1)	Tube test	>>> 19	Positive	54 %
(7)	Column agglutination - automat	>>> 1	Positive	2,9 %
(9)	Column agglutination - manual	>>> 14	Positive	40 %

Test		N	Result	N _{rel}
Sample	Group			
E1 and S1 (10)	Solid phase	>>> 1	Positive	2,9 %
Total per sample: n = 35		Success: 100 %		
E2 and S2 (1)	Tube test	>>> 19	Positive	54 %
	(7) Column agglutination - automat	>>> 1	Positive	2,9 %
	(9) Column agglutination - manual	>>> 14	Positive	40 %
	(10) Solid phase	>>> 1	Positive	2,9 %
Total per sample: n = 35		Success: 100 %		
Total success: 100 %				
(722) Antigen M				
E1 and S1 (1)	Tube test	>>> 17	Negative	55 %
	(2) Microplate - aut.	>>> 1	Negative	3,2 %
	(7) Column agglutination - automat	>>> 3	Negative	9,7 %
	(9) Column agglutination - manual	>>> 10	Negative	32 %
Total per sample: n = 31		Success: 100 %		
E2 and S2 (1)	Tube test	>>> 17	Positive	55 %
	(2) Microplate - aut.	>>> 1	Positive	3,2 %
	(7) Column agglutination - automat	>>> 3	Positive	9,7 %
	(9) Column agglutination - manual	>>> 10	Positive	32 %
Total per sample: n = 31		Success: 100 %		
Total success: 100 %				
(723) Antigen N				
E1 and S1 (1)	Tube test	>>> 15	Positive	52 %
	(7) Column agglutination - automat	>>> 3	Positive	10 %
	(9) Column agglutination - manual	>>> 11	Positive	38 %
Total per sample: n = 29		Success: 100 %		
E2 and S2 (1)	Tube test	>>> 15	Positive	52 %
	(7) Column agglutination - automat	>>> 3	Positive	10 %
	(9) Column agglutination - manual	>>> 1	Negative	3,4 %
		>>> 10	Positive	34 %
Total per sample: n = 29		Success: 97 %		
Total success: 97 %				
(724) Antigen S				
E1 and S1 (1)	Tube test	>>> 16	Negative	52 %
	(7) Column agglutination - automat	>>> 3	Negative	9,7 %
	(9) Column agglutination - manual	>>> 11	Negative	35 %
	(10) Solid phase	>>> 1	Negative	3,2 %
Total per sample: n = 31		Success: 100 %		
E2 and S2 (1)	Tube test	>>> 16	Negative	52 %
	(7) Column agglutination - automat	>>> 3	Negative	9,7 %
	(9) Column agglutination - manual	>>> 11	Negative	35 %
	(10) Solid phase	>>> 1	Negative	3,2 %
Total per sample: n = 31		Success: 100 %		
Total success: 100 %				
(725) Antigen s				
E1 and S1 (1)	Tube test	>>> 16	Positive	52 %
	(7) Column agglutination - automat	>>> 3	Positive	9,7 %
	(9) Column agglutination - manual	>>> 11	Positive	35 %
	(10) Solid phase	>>> 1	Positive	3,2 %
Total per sample: n = 31		Success: 100 %		
E2 and S2 (1)	Tube test	>>> 16	Positive	52 %
	(7) Column agglutination - automat	>>> 3	Positive	9,7 %
	(9) Column agglutination - manual	>>> 11	Positive	35 %
	(10) Solid phase	>>> 1	Positive	3,2 %
Total per sample: n = 31		Success: 100 %		
Total success: 100 %				
(726) Antigen P1				
E1 and S1 (1)	Tube test	>>> 16	Positive	67 %
	(7) Column agglutination - automat	>>> 1	Positive	4,2 %
	(9) Column agglutination - manual	>>> 7	Positive	29 %
Total per sample: n = 24		Success: 100 %		
E2 and S2 (1)	Tube test	>>> 2	Negative	8,3 %
		>>> 14	Positive	58 %
	(7) Column agglutination - automat	>>> 1	Positive	4,2 %
	(9) Column agglutination - manual	>>> 7	Positive	29 %
Total per sample: n = 24		Success: 92 %		
Total success: 92 %				

Test

Sample	Group	N	Result	N _{rel}
(727) Antigen Fya				
E1 and S1 (1)	Tube test	>>> 15	Positive	48 %
	(7) Column agglutination - automat	>>> 3	Positive	9,7 %
	(9) Column agglutination - manual	>>> 12	Positive	39 %
	(10) Solid phase	>>> 1	Positive	3,2 %
Total per sample: n = 31		Success: 100 %	-	
E2 and S2 (1)	Tube test	>>> 15	Positive	48 %
	(7) Column agglutination - automat	>>> 3	Positive	9,7 %
	(9) Column agglutination - manual	>>> 12	Positive	39 %
	(10) Solid phase	>>> 1	Positive	3,2 %
Total per sample: n = 31		Success: 100 %	-	
Total success: 100 %				

(728) Antigen Fyb

E1 and S1 (1)	Tube test	1	Negative	3,2 %
		>>> 14	Positive	45 %
	(7) Column agglutination - automat	>>> 3	Positive	9,7 %
	(9) Column agglutination - manual	>>> 12	Positive	39 %
	(10) Solid phase	>>> 1	Positive	3,2 %
Total per sample: n = 31		Success: 97 %	-	
E2 and S2 (1)	Tube test	1	Negative	3,2 %
		>>> 14	Positive	45 %
	(7) Column agglutination - automat	>>> 3	Positive	9,7 %
	(9) Column agglutination - manual	>>> 12	Positive	39 %
	(10) Solid phase	>>> 1	Positive	3,2 %
Total per sample: n = 31		Success: 97 %	-	
Total success: 97 %				

(729) Antigen Jka

E1 and S1 (1)	Tube test	>>> 16	Positive	53 %
	(7) Column agglutination - automat	>>> 2	Positive	6,7 %
	(9) Column agglutination - manual	>>> 11	Positive	37 %
	(10) Solid phase	>>> 1	Positive	3,3 %
Total per sample: n = 30		Success: 100 %	-	
E2 and S2 (1)	Tube test	>>> 16	Positive	53 %
	(7) Column agglutination - automat	>>> 2	Positive	6,7 %
	(9) Column agglutination - manual	>>> 11	Positive	37 %
	(10) Solid phase	>>> 1	Positive	3,3 %
Total per sample: n = 30		Success: 100 %	-	
Total success: 100 %				

(730) Antigen Jkb

E1 and S1 (1)	Tube test	>>> 16	Negative	53 %
	(7) Column agglutination - automat	>>> 2	Negative	6,7 %
	(9) Column agglutination - manual	>>> 11	Negative	37 %
	(10) Solid phase	>>> 1	Negative	3,3 %
Total per sample: n = 30		Success: 100 %	-	
E2 and S2 (1)	Tube test	>>> 16	Positive	53 %
	(7) Column agglutination - automat	>>> 2	Positive	6,7 %
	(9) Column agglutination - manual	>>> 11	Positive	37 %
	(10) Solid phase	>>> 1	Positive	3,3 %
Total per sample: n = 30		Success: 100 %	-	
Total success: 100 %				

(731) Antigen Lua

E1 and S1 (1)	Tube test	>>> 14	Negative	58 %
	(7) Column agglutination - automat	>>> 1	Negative	4,2 %
	(9) Column agglutination - manual	>>> 9	Negative	38 %
Total per sample: n = 24		Success: 100 %	-	
E2 and S2 (1)	Tube test	>>> 14	Negative	58 %
	(7) Column agglutination - automat	>>> 1	Negative	4,2 %
	(9) Column agglutination - manual	>>> 9	Negative	38 %
Total per sample: n = 24		Success: 100 %	-	
Total success: 100 %				

(732) Antigen Lub

E1 and S1 (1)	Tube test	>>> 13	Positive	57 %
	(7) Column agglutination - automat	>>> 1	Positive	4,3 %
	(9) Column agglutination - manual	>>> 9	Positive	39 %
Total per sample: n = 23		Success: 100 %	-	
E2 and S2 (1)	Tube test	>>> 13	Positive	57 %
	(7) Column agglutination - automat	>>> 1	Positive	4,3 %
	(9) Column agglutination - manual	>>> 9	Positive	39 %

Test

Sample	Group	N	Result	N _{rel}
Total per sample: n = 23		Success: 100 %		
Total success: 100 %				

(733) Antigen Lea

E1 and S1 (1) Tube test	>>>	16	Negative	57 %
(7) Column agglutination - automat	>>>	2	Negative	7,1 %
(9) Column agglutination - manual	>>>	10	Negative	36 %
Total per sample: n = 28		Success: 100 %		
E2 and S2 (1) Tube test	>>>	16	Negative	57 %
(7) Column agglutination - automat	>>>	2	Negative	7,1 %
(9) Column agglutination - manual	>>>	10	Negative	36 %
Total per sample: n = 28		Success: 100 %		
Total success: 100 %				

(734) Antigen Leb

E1 and S1 (1) Tube test	>>>	16	Positive	57 %
(7) Column agglutination - automat	>>>	2	Positive	7,1 %
(9) Column agglutination - manual	>>>	10	Positive	36 %
Total per sample: n = 28		Success: 100 %		
E2 and S2 (1) Tube test	>>>	1	Negative	3,6 %
	>>>	15	Positive	54 %
(7) Column agglutination - automat	>>>	2	Positive	7,1 %
(9) Column agglutination - manual	>>>	10	Positive	36 %
Total per sample: n = 28		Success: 96 %		
Total success: 96 %				

(737) Direct Coombs (antiglobulin) test

E1 and S1 (0) Not specified	>>>	1	Negative	0,96 %
(1) Tube test: IAT	>>>	5	Negative	4,8 %
(3) Column agglut.: IAT - automat	>>>	16	Negative	15 %
(5) Solid phase	>>>	1	Negative	0,96 %
(6) Microplate: IAT	>>>	1	Negative	0,96 %
(8) Column agglut.: IAT - manual	>>>	80	Negative	77 %
Total per sample: n = 104		Success: 100 %		
E2 and S2 (0) Not specified	>>>	1	Negative	0,96 %
(1) Tube test: IAT	>>>	5	Negative	4,8 %
(3) Column agglut.: IAT - automat	>>>	16	Negative	15 %
(5) Solid phase	>>>	1	Negative	0,96 %
(6) Microplate: IAT	>>>	1	Negative	0,96 %
(8) Column agglut.: IAT - manual	>>>	79	Negative	76 %
	>>>	1	Positive	0,96 %
Total per sample: n = 104		Success: 99 %		
Total success: 99 %				

(741) Antibody screening (IAT, blood donor)

E1 and S1 (0) Not specified	>>>	2	Positive	2,6 %
(1) Tube test: IAT	>>>	1	Positive	1,3 %
(2) Tube test: enzyme	>>>	1	Positive	1,3 %
(3) Column agglut.: IAT - automat	>>>	16	Positive	21 %
(4) Column agglut.: enzyme - automat	>>>	2	Positive	2,6 %
(5) Solid phase	>>>	8	Positive	11 %
(6) Microplate: IAT	>>>	1	Positive	1,3 %
(8) Column agglut.: IAT - manual	>>>	45	Positive	59 %
Total per sample: n = 76		Success: 100 %		
E2 and S2 (0) Not specified	>>>	2	Positive	2,6 %
(1) Tube test: IAT	>>>	1	Positive	1,3 %
(2) Tube test: enzyme	>>>	1	Positive	1,3 %
(3) Column agglut.: IAT - automat	>>>	16	Positive	21 %
(4) Column agglut.: enzyme - automat	>>>	2	Positive	2,6 %
(5) Solid phase	>>>	8	Positive	11 %
(6) Microplate: IAT	>>>	1	Positive	1,3 %
(8) Column agglut.: IAT - manual	>>>	45	Positive	59 %
Total per sample: n = 76		Success: 100 %		
Total success: 100 %				

(743) Antibody screening (IAT, recipient)

E1 and S1 (0) Not specified	>>>	1	Positive	0,87 %
(1) Tube test: IAT	>>>	1	Positive	0,87 %
(2) Tube test: enzyme	>>>	1	Positive	0,87 %
(3) Column agglut.: IAT - automat	>>>	28	Positive	24 %
(5) Solid phase	>>>	3	Positive	2,6 %
(6) Microplate: IAT	>>>	1	Positive	0,87 %
(8) Column agglut.: IAT - manual	>>>	80	Positive	70 %

Test

Sample	Group	N	Result	N _{rel}
Total per sample: n = 115		Success: 100 %		
E2 and S2 (0)	Not specified	>>> 1	Positive	0,87 %
	(1) Tube test: IAT	>>> 1	Positive	0,87 %
	(2) Tube test: enzyme	>>> 1	Positive	0,87 %
	(3) Column agglut.: IAT - automat	>>> 28	Positive	24 %
	(5) Solid phase	>>> 3	Positive	2,6 %
	(6) Microplate: IAT	>>> 1	Positive	0,87 %
	(8) Column agglut.: IAT - manual	>>> 80	Positive	70 %
Total per sample: n = 115		Success: 100 %		
Total success: 100 %				

(745) Antibody screening (IAT, pregnant)

E1 and S1 (1)	Tube test: IAT	>>> 2	Positive	2,1 %
	(2) Tube test: enzyme	>>> 1	Positive	1,1 %
	(3) Column agglut.: IAT - automat	>>> 24	Positive	26 %
	(5) Solid phase	>>> 3	Positive	3,2 %
	(6) Microplate: IAT	>>> 1	Positive	1,1 %
	(8) Column agglut.: IAT - manual	>>> 62	Positive	66 %
	(9) Column agglut.: enzyme - manual	>>> 1	Positive	1,1 %
Total per sample: n = 94		Success: 100 %		
E2 and S2 (1)	Tube test: IAT	>>> 2	Positive	2,1 %
	(2) Tube test: enzyme	>>> 1	Positive	1,1 %
	(3) Column agglut.: IAT - automat	>>> 24	Positive	26 %
	(5) Solid phase	>>> 3	Positive	3,2 %
	(6) Microplate: IAT	>>> 1	Positive	1,1 %
	(8) Column agglut.: IAT - manual	>>> 62	Positive	66 %
	(9) Column agglut.: enzyme - manual	>>> 1	Positive	1,1 %
Total per sample: n = 94		Success: 100 %		
Total success: 100 %				

(747) Antibody screening (enzyme test)

E1 and S1 (1)	Tube test: IAT	>>> 1	Positive	1,1 %
	(2) Tube test: enzyme	>>> 1	Positive	1,1 %
	(4) Column agglut.: enzyme - automat	>>> 20	Positive	22 %
	(7) Microplate: enzyme	>>> 1	Positive	1,1 %
	(8) Column agglut.: IAT - manual	>>> 6	Positive	6,6 %
	(9) Column agglut.: enzyme - manual	>>> 62	Positive	68 %
Total per sample: n = 91		Success: 100 %		
E2 and S2 (1)	Tube test: IAT	>>> 1	Positive	1,1 %
	(2) Tube test: enzyme	>>> 1	Positive	1,1 %
	(4) Column agglut.: enzyme - automat	>>> 20	Positive	22 %
	(7) Microplate: enzyme	>>> 1	Positive	1,1 %
	(8) Column agglut.: IAT - manual	>>> 6	Positive	6,6 %
	(9) Column agglut.: enzyme - manual	>>> 62	Positive	68 %
Total per sample: n = 91		Success: 100 %		
Total success: 100 %				

(750) Antibody identification

E1 and S1 (0)	Not specified	>>> 33	anti-E; anti-Cw	100 %
Total per sample: n = 33		Success: 100 %		
E2 and S2 (0)	Not specified	>>> 33	anti-E; anti-S	100 %
Total per sample: n = 33		Success: 100 %		
Total success: 100 %				

(752) Antibody titre, Sample 1: 1st antibody

E1 and S1 (2)	Tube + heterozyg. expression	± 1	titre 2	3,8 %
	(3) Column agglut.+ homozyg. expres.	± 1	titre 256	3,8 %
		± 1	titre 16	3,8 %
		± 2	titre 32	7,7 %
		± 2	titre 64	7,7 %
	(4) Column agglut.+ heterozyg. expres.	± 7	titre 8	27 %
		± 7	titre 16	27 %
		± 5	titre 32	19 %
Total per sample: n = 26		Success (only evaluated results): evaluation		

(753) Antibody titre, Sample 1: 2nd antibody

E1 and S1 (2)	Tube + heterozyg. expression	± 1	titre 2	3,8 %
		± 1	titre 32	3,8 %
	(3) Column agglut.+ homozyg. expres.	± 4	titre 8	15 %
		± 3	titre 16	12 %
		± 2	titre 32	7,7 %
		± 1	titre 64	3,8 %
	(4) Column agglut.+ heterozyg. expres.	± 5	titre 8	19 %

Test

Sample	Group	N	Result	N _{rel}
E1 and S1 (4)	Column agglut.+ heterozyg. expres.	± 3	titre 16	12 %
		± 5	titre 32	19 %
		± 1	titre 64	3,8 %
----- Total per sample: n = 26 ----- Success (only evaluated results): evaluation-----				

(756) Antibody titre, Sample 2: 1st antibody

E2 and S2 (2)	Tube + heterozyg. expression	± 1	titre 4	3,8 %	
		(3) Column agglut.+ homozyg. expres.	± 1	titre 256	3,8 %
			± 2	titre 16	7,7 %
			± 4	titre 32	15 %
			± 3	titre 64	12 %
(4) Column agglut.+ heterozyg. expres.	± 1	titre 128	3,8 %		
	± 1	titre 256	3,8 %		
	± 1	titre 4	3,8 %		
	± 2	titre 8	7,7 %		
	± 3	titre 16	12 %		
	± 4	titre 32	15 %		
	± 3	titre 64	12 %		
----- Total per sample: n = 26 ----- Success (only evaluated results): evaluation-----					

(757) Antibody titre, Sample 2: 2nd antibody

E2 and S2 (1)	Tube + homozyg. expression	± 2	titre 16	7,7 %
		(2) Tube + heterozyg. expression	± 1	titre 0 (not measurable)
± 1	titre 32		3,8 %	
(3) Column agglut.+ homozyg. expres.	± 2		titre 16	7,7 %
	± 2	titre 32	7,7 %	
	(4) Column agglut.+ heterozyg. expres.	± 9	titre 8	35 %
		± 7	titre 16	27 %
		± 2	titre 32	7,7 %
----- Total per sample: n = 26 ----- Success (only evaluated results): evaluation-----				

Set of samples 3**(760) Crossmatch**

S1	All results	>>> 102	Crossmatch successful	100 %
----- Total per sample: n = 102 ----- Success: 100 % -----				
S2	All results	>>> 102	Crossmatch successful	100 %
----- Total per sample: n = 102 ----- Success: 100 % -----				
Total success: 100 %				

(761) Crossmatch (segment K1)

S1	(0) Not specified	>>> 3	Positive test	2,9 %
	(3) Column agglut.: IAT - automat	>>> 14	Positive test	14 %
	(5) Solid phase	>>> 2	Positive test	2,0 %
	(6) Microplate: IAT	>>> 1	Positive test	0,98 %
	(8) Column agglut.: IAT - manual	>>> 79	Positive test	77 %
	(9) Column agglut.: enzyme - manual	>>> 2	Positive test	2,0 %
	(99) Another measurement principle	>>> 1	Positive test	0,98 %
----- Total per sample: n = 102 ----- Success: 100 % -----				
S2	(0) Not specified	>>> 3	Negative test	2,9 %
	(3) Column agglut.: IAT - automat	>>> 14	Negative test	14 %
	(5) Solid phase	>>> 2	Negative test	2,0 %
	(6) Microplate: IAT	>>> 1	Negative test	0,98 %
	(8) Column agglut.: IAT - manual	>>> 79	Negative test	77 %
	(9) Column agglut.: enzyme - manual	>>> 2	Negative test	2,0 %
	(99) Another measurement principle	>>> 1	Negative test	0,98 %
----- Total per sample: n = 102 ----- Success: 100 % -----				
Total success: 100 %				

(762) Serve transfusion product (segment K1)

S1	(0) Not specified	± 100	Impossible, risk of haemolysis	99 %
		± 1	Decision depends on results of other tests not performed in our laboratory	0,99 %
----- Total per sample: n = 101 ----- Success (only evaluated results): evaluation-----				
S2	(0) Not specified	± 2	Impossible, risk of haemolysis	2,0 %
		± 54	Decision depends on results of other tests not performed in our laboratory	53 %
		± 32	Only if more suitable products are not available	32 %
		± 13	Possible	13 %
----- Total per sample: n = 101 ----- Success (only evaluated results): evaluation-----				

(764) Crossmatch (segment K2)

S1	(0) Not specified	>>> 3	Negative test	2,9 %
		>>> 15	Negative test	15 %

Summary statistics - qualitative results

(Groups: measurement principle)

EQA round: IH2/18 - Blood Group Serology

Dead line: 07.06.2018

Test

Sample	Group	N	Result	N _{rel}
S1	(5) Solid phase	>>> 2	Negative test	2.0 %
	(6) Microplate: IAT	>>> 1	Negative test	0,98 %
	(8) Column agglut.: IAT - manual	>>> 78	Negative test	76 %
	(9) Column agglut.: enzyme - manual	>>> 2	Negative test	2.0 %
	(99) Another measurement principle	>>> 1	Negative test	0,98 %
	Total per sample: n = 102		Success: 100 %	-----
S2	(0) Not specified	>>> 3	Positive test	2,9 %
	(3) Column agglut.: IAT - automat	>>> 15	Positive test	15 %
	(5) Solid phase	>>> 2	Positive test	2.0 %
	(6) Microplate: IAT	>>> 1	Positive test	0,98 %
	(8) Column agglut.: IAT - manual	>>> 78	Positive test	76 %
	(9) Column agglut.: enzyme - manual	>>> 2	Positive test	2.0 %
	(99) Another measurement principle	>>> 1	Positive test	0,98 %
Total per sample: n = 102		Success: 100 %	-----	
Total success: 100 %				

(765) Serve transfusion product (segment K2)

S1	(0) Not specified	± 1	Impossible, risk of haemolysis	0,99 %
		± 53	Decision depends on results of other tests not performed in our laboratory	52 %
		± 18	Only if more suitable products are not available	18 %
		± 29	Possible	29 %
Total per sample: n = 101		Success (only evaluated results):	evaluation:-----	
S2	(0) Not specified	± 100	Impossible, risk of haemolysis	99 %
		± 1	Decision depends on results of other tests not performed in our laboratory	0,99 %
Total per sample: n = 101		Success (only evaluated results):	evaluation:-----	

st_kl

End of report

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