

EQA round: IH4/22 - Blood Group Serology

Deadline: 18.11.2022

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}
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Set 1 and 2

(700) AB0 blood group

E1 and S1	(1) Tube test	>>>	54	Blood group: A	33 %
	(2) Microplate - aut.	>>>	14	Blood group: A	8,6 %
	(3) Microplate - man.	>>>	4	Blood group: A	2,5 %
	(7) Column agglutination - automat	>>>	44	Blood group: A	27 %
	(9) Column agglutination - manual	>>>	44	Blood group: A	27 %
			1	Blood group: B	0,62 %
	(10) Solid phase	>>>	1	Blood group: A	0,62 %
Total per sample: n = 162		Success: 99 %			
E2 and S2	(1) Tube test	>>>	54	Blood group: 0	33 %
	(2) Microplate - aut.	>>>	14	Blood group: 0	8,6 %
	(3) Microplate - man.	>>>	4	Blood group: 0	2,5 %
	(7) Column agglutination - automat	>>>	44	Blood group: 0	27 %
	(9) Column agglutination - manual	>>>	44	Blood group: 0	27 %
			1	Blood group: A	0,62 %
	(10) Solid phase	>>>	1	Blood group: 0	0,62 %
Total per sample: n = 162		Success: 99 %			
Total success: 99 %					

(703) A subgroup

E1 and S1	(0) Not specified	>>>	51	A subgroup A1	100 %
Total per sample: n = 51		Success: 100 %			
E2 and S2	(0) Not specified	>>>	51	Not specified	100 %
Total per sample: n = 51		Success: 100 %			
Total success: 100 %					

(705) Rh D antigen (blood-donor)

E1 and S1	(0) Not specified	>>>	1	Positive (RhD+)	1,1 %
	(1) Tube test	>>>	31	Positive (RhD+)	33 %
	(2) Microplate - aut.	>>>	16	Positive (RhD+)	17 %
	(3) Microplate - man.	>>>	2	Positive (RhD+)	2,1 %
	(7) Column agglutination - automat	>>>	22	Positive (RhD+)	23 %
	(9) Column agglutination - manual	>>>	22	Positive (RhD+)	23 %
	(10) Solid phase	>>>	1	Positive (RhD+)	1,1 %
Total per sample: n = 95		Success: 100 %			
E2 and S2	(0) Not specified	>>>	1	Negative (RhD-)	1,1 %
	(1) Tube test	>>>	31	Negative (RhD-)	33 %
	(2) Microplate - aut.	>>>	16	Negative (RhD-)	17 %
	(3) Microplate - man.	>>>	2	Negative (RhD-)	2,1 %
	(7) Column agglutination - automat	>>>	22	Negative (RhD-)	23 %
	(9) Column agglutination - manual	>>>	22	Negative (RhD-)	23 %
	(10) Solid phase	>>>	1	Negative (RhD-)	1,1 %
Total per sample: n = 95		Success: 100 %			
Total success: 100 %					

(709) Rh D antigen (recipient)

E1 and S1	(1) Tube test	>>>	54	Positive (RhD+)	36 %
	(2) Microplate - aut.	>>>	12	Positive (RhD+)	7,9 %
	(3) Microplate - man.	>>>	3	Positive (RhD+)	2,0 %
	(7) Column agglutination - automat	>>>	41	Positive (RhD+)	27 %
	(9) Column agglutination - manual	>>>	1	Negative (RhD-)	0,66 %
			40	Positive (RhD+)	26 %
	(10) Solid phase	>>>	1	Positive (RhD+)	0,66 %
Total per sample: n = 152		Success: 99 %			
E2 and S2	(1) Tube test	>>>	54	Negative (RhD-)	36 %
	(2) Microplate - aut.	>>>	12	Negative (RhD-)	7,9 %
	(3) Microplate - man.	>>>	3	Negative (RhD-)	2,0 %
	(7) Column agglutination - automat	>>>	41	Negative (RhD-)	27 %
	(9) Column agglutination - manual	>>>	41	Negative (RhD-)	27 %
	(10) Solid phase	>>>	1	Negative (RhD-)	0,66 %
Total per sample: n = 152		Success: 100 %			
Total success: 99 %					

(715) Antigen C

E1 and S1	(1) Tube test	>>>	18	Positive	22 %
	(2) Microplate - aut.	>>>	9	Positive	11 %

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Test

Sample	Group	N	Result	N _{rel}
E1 and S1	(7) Column agglutination - automat	>>> 18	Positive	22 %
	(9) Column agglutination - manual	>>> 35	Positive	43 %
	(10) Solid phase	>>> 2	Positive	2,4 %
	Total per sample: n = 82		Success: 100 %	-
E2 and S2	(1) Tube test	>>> 18	Negative	22 %
	(2) Microplate - aut.	>>> 9	Negative	11 %
	(7) Column agglutination - automat	>>> 18	Negative	22 %
	(9) Column agglutination - manual	>>> 35	Negative	43 %
	(10) Solid phase	>>> 2	Negative	2,4 %
Total per sample: n = 82		Success: 100 %	-	
Total success: 100 %				

(716) Antigen c

E1 and S1	(1) Tube test	>>> 18	Negative	22 %
	(2) Microplate - aut.	>>> 9	Negative	11 %
	(7) Column agglutination - automat	>>> 18	Negative	22 %
	(9) Column agglutination - manual	>>> 35	Negative	43 %
	(10) Solid phase	>>> 2	Negative	2,4 %
Total per sample: n = 82		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 18	Positive	22 %
	(2) Microplate - aut.	>>> 9	Positive	11 %
	(7) Column agglutination - automat	>>> 18	Positive	22 %
	(9) Column agglutination - manual	>>> 35	Positive	43 %
	(10) Solid phase	>>> 2	Positive	2,4 %
Total per sample: n = 82		Success: 100 %	-	
Total success: 100 %				

(717) Antigen Cw

E1 and S1	(1) Tube test	>>> 18	Negative	28 %
	(2) Microplate - aut.	>>> 8	Negative	12 %
	(7) Column agglutination - automat	>>> 13	Negative	20 %
	(9) Column agglutination - manual	>>> 24	Negative	37 %
	(10) Solid phase	>>> 2	Negative	3,1 %
Total per sample: n = 65		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 18	Negative	28 %
	(2) Microplate - aut.	>>> 8	Negative	12 %
	(7) Column agglutination - automat	>>> 13	Negative	20 %
	(9) Column agglutination - manual	>>> 24	Negative	37 %
	(10) Solid phase	>>> 2	Negative	3,1 %
Total per sample: n = 65		Success: 100 %	-	
Total success: 100 %				

(718) Antigen E

E1 and S1	(1) Tube test	>>> 18	Negative	22 %
	(2) Microplate - aut.	>>> 9	Negative	11 %
	(7) Column agglutination - automat	>>> 18	Negative	22 %
	(9) Column agglutination - manual	>>> 35	Negative	43 %
	(10) Solid phase	>>> 2	Negative	2,4 %
Total per sample: n = 82		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 18	Negative	22 %
	(2) Microplate - aut.	>>> 9	Negative	11 %
	(7) Column agglutination - automat	>>> 18	Negative	22 %
	(9) Column agglutination - manual	>>> 35	Negative	43 %
	(10) Solid phase	>>> 2	Negative	2,4 %
Total per sample: n = 82		Success: 100 %	-	
Total success: 100 %				

(719) Antigen e

E1 and S1	(1) Tube test	>>> 18	Positive	22 %
	(2) Microplate - aut.	>>> 9	Positive	11 %
	(7) Column agglutination - automat	>>> 18	Positive	22 %
	(9) Column agglutination - manual	>>> 35	Positive	43 %
	(10) Solid phase	>>> 2	Positive	2,4 %
Total per sample: n = 82		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 18	Positive	22 %
	(2) Microplate - aut.	>>> 9	Positive	11 %
	(7) Column agglutination - automat	>>> 18	Positive	22 %
	(9) Column agglutination - manual	>>> 35	Positive	43 %
	(10) Solid phase	>>> 2	Positive	2,4 %
Total per sample: n = 82		Success: 100 %	-	

Test		N	Result	N _{rel}
Sample	Group			
Total success: 100 %				
(720) Antigen K				
E1 and S1	(1) Tube test	>>> 19	Negative	22 %
	(2) Microplate - aut.	>>> 9	Negative	11 %
	(7) Column agglutination - automat	>>> 19	Negative	22 %
	(9) Column agglutination - manual	>>> 36	Negative	42 %
	(10) Solid phase	>>> 2	Negative	2,4 %
Total per sample: n = 85		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 19	Negative	22 %
	(2) Microplate - aut.	>>> 9	Negative	11 %
	(7) Column agglutination - automat	>>> 19	Negative	22 %
	(9) Column agglutination - manual	>>> 36	Negative	42 %
	(10) Solid phase	>>> 2	Negative	2,4 %
Total per sample: n = 85		Success: 100 %	-	
Total success: 100 %				
(721) Antigen k				
E1 and S1	(1) Tube test	>>> 22	Positive	51 %
	(7) Column agglutination - automat	>>> 6	Positive	14 %
	(9) Column agglutination - manual	>>> 13	Positive	30 %
	(10) Solid phase	>>> 2	Positive	4,7 %
Total per sample: n = 43		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 22	Positive	51 %
	(7) Column agglutination - automat	>>> 6	Positive	14 %
	(9) Column agglutination - manual	>>> 13	Positive	30 %
	(10) Solid phase	>>> 2	Positive	4,7 %
Total per sample: n = 43		Success: 100 %	-	
Total success: 100 %				
(722) Antigen M				
E1 and S1	(1) Tube test	>>> 21	Positive	53 %
	(2) Microplate - aut.	>>> 3	Positive	7,5 %
	(7) Column agglutination - automat	>>> 2	Positive	5,0 %
	(9) Column agglutination - manual	>>> 14	Positive	35 %
Total per sample: n = 40		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 21	Positive	53 %
	(2) Microplate - aut.	>>> 3	Positive	7,5 %
	(7) Column agglutination - automat	>>> 2	Positive	5,0 %
	(9) Column agglutination - manual	>>> 14	Positive	35 %
Total per sample: n = 40		Success: 100 %	-	
Total success: 100 %				
(723) Antigen N				
E1 and S1	(1) Tube test	>>> 18	Positive	49 %
	(2) Microplate - aut.	>>> 2	Positive	5,4 %
	(7) Column agglutination - automat	>>> 2	Positive	5,4 %
	(9) Column agglutination - manual	>>> 15	Positive	41 %
Total per sample: n = 37		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 18	Negative	49 %
	(2) Microplate - aut.	>>> 2	Negative	5,4 %
	(7) Column agglutination - automat	>>> 2	Negative	5,4 %
	(9) Column agglutination - manual	>>> 15	Negative	41 %
Total per sample: n = 37		Success: 100 %	-	
Total success: 100 %				
(724) Antigen S				
E1 and S1	(1) Tube test	>>> 18	Positive	45 %
	(2) Microplate - aut.	>>> 1	Positive	2,5 %
	(7) Column agglutination - automat	>>> 2	Positive	5,0 %
	(9) Column agglutination - manual	>>> 16	Positive	40 %
	(10) Solid phase	>>> 3	Positive	7,5 %
Total per sample: n = 40		Success: 100 %	-	
E2 and S2	(1) Tube test	>>> 18	Positive	45 %
	(2) Microplate - aut.	>>> 1	Positive	2,5 %
	(7) Column agglutination - automat	>>> 2	Positive	5,0 %
	(9) Column agglutination - manual	>>> 16	Positive	40 %
	(10) Solid phase	>>> 3	Positive	7,5 %
Total per sample: n = 40		Success: 100 %	-	
Total success: 100 %				
(725) Antigen s				
E1 and S1	(1) Tube test	>>> 17	Positive	43 %

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Test		N	Result	N _{rel}
Sample	Group			
E1 and S1	(2) Microplate - aut.	>>> 1	Positive	2,5 %
	(7) Column agglutination - automat	>>> 2	Positive	5,0 %
	(9) Column agglutination - manual	>>> 17	Positive	43 %
	(10) Solid phase	>>> 3	Positive	7,5 %
	Total per sample: n = 40 ----- Success: 100 %			
E2 and S2	(1) Tube test	>>> 17	Positive	43 %
	(2) Microplate - aut.	>>> 1	Positive	2,5 %
	(7) Column agglutination - automat	>>> 2	Positive	5,0 %
	(9) Column agglutination - manual	>>> 17	Positive	43 %
	(10) Solid phase	>>> 3	Positive	7,5 %
Total per sample: n = 40 ----- Success: 100 %				
Total success: 100 %				

(726) Antigen P1

E1 and S1	(1) Tube test	1	Negative	3,4 %
		>>> 21	Positive	72 %
	(2) Microplate - aut.	>>> 1	Positive	3,4 %
	(7) Column agglutination - automat	>>> 1	Positive	3,4 %
	(9) Column agglutination - manual	>>> 5	Positive	17 %
Total per sample: n = 29 ----- Success: 97 %				
E2 and S2	(1) Tube test	>>> 22	Positive	76 %
	(2) Microplate - aut.	>>> 1	Positive	3,4 %
	(7) Column agglutination - automat	>>> 1	Positive	3,4 %
	(9) Column agglutination - manual	>>> 5	Positive	17 %
	Total per sample: n = 29 ----- Success: 100 %			
Total success: 97 %				

(727) Antigen Fya

E1 and S1	(1) Tube test	>>> 14	Negative	34 %
	(2) Microplate - aut.	>>> 1	Negative	2,4 %
	(7) Column agglutination - automat	>>> 2	Negative	4,9 %
	(9) Column agglutination - manual	>>> 21	Negative	51 %
	(10) Solid phase	>>> 3	Negative	7,3 %
Total per sample: n = 41 ----- Success: 100 %				
E2 and S2	(1) Tube test	>>> 14	Negative	34 %
	(2) Microplate - aut.	>>> 1	Negative	2,4 %
	(7) Column agglutination - automat	>>> 2	Negative	4,9 %
	(9) Column agglutination - manual	>>> 21	Negative	51 %
	(10) Solid phase	>>> 3	Negative	7,3 %
Total per sample: n = 41 ----- Success: 100 %				
Total success: 100 %				

(728) Antigen Fyb

E1 and S1	(1) Tube test	>>> 14	Positive	34 %
	(2) Microplate - aut.	>>> 1	Positive	2,4 %
	(7) Column agglutination - automat	>>> 2	Positive	4,9 %
	(9) Column agglutination - manual	>>> 21	Positive	51 %
	(10) Solid phase	>>> 3	Positive	7,3 %
Total per sample: n = 41 ----- Success: 100 %				
E2 and S2	(1) Tube test	>>> 14	Positive	34 %
	(2) Microplate - aut.	>>> 1	Positive	2,4 %
	(7) Column agglutination - automat	>>> 2	Positive	4,9 %
	(9) Column agglutination - manual	>>> 21	Positive	51 %
	(10) Solid phase	>>> 3	Positive	7,3 %
Total per sample: n = 41 ----- Success: 100 %				
Total success: 100 %				

(729) Antigen Jka

E1 and S1	(1) Tube test	>>> 19	Negative	46 %
	(2) Microplate - aut.	>>> 4	Negative	9,8 %
	(7) Column agglutination - automat	>>> 2	Negative	4,9 %
	(9) Column agglutination - manual	>>> 16	Negative	39 %
Total per sample: n = 41 ----- Success: 100 %				
E2 and S2	(1) Tube test	>>> 19	Positive	46 %
	(2) Microplate - aut.	>>> 4	Positive	9,8 %
	(7) Column agglutination - automat	>>> 2	Positive	4,9 %
	(9) Column agglutination - manual	>>> 16	Positive	39 %
Total per sample: n = 41 ----- Success: 100 %				
Total success: 100 %				

(730) Antigen Jkb

Test		N	Result	N _{rel}	
Sample	Group				
E1 and S1	(1) Tube test	>>> 20	Positive	49 %	
	(2) Microplate - aut.	>>> 4	Positive	9,8 %	
	(7) Column agglutination - automat	>>> 2	Positive	4,9 %	
	(9) Column agglutination - manual	>>> 15	Positive	37 %	
	----- Total per sample: n = 41 -----	Success: 100 %	-		
E2 and S2	(1) Tube test	>>> 20	Positive	49 %	
	(2) Microplate - aut.	>>> 4	Positive	9,8 %	
	(7) Column agglutination - automat	>>> 2	Positive	4,9 %	
	(9) Column agglutination - manual	>>> 15	Positive	37 %	
	----- Total per sample: n = 41 -----	Success: 100 %	-		
Total success: 100 %					
(731) Antigen Lua					
E1 and S1	(1) Tube test	>>> 8	Negative	32 %	
	(9) Column agglutination - manual	>>> 17	Negative	68 %	
	----- Total per sample: n = 25 -----	Success: 100 %	-		
E2 and S2	(1) Tube test	>>> 8	Negative	32 %	
	(9) Column agglutination - manual	>>> 17	Negative	68 %	
	----- Total per sample: n = 25 -----	Success: 100 %	-		
Total success: 100 %					
(732) Antigen Lub					
E1 and S1	(1) Tube test	>>> 11	Positive	44 %	
	(7) Column agglutination - automat	>>> 2	Positive	8,0 %	
	(9) Column agglutination - manual	>>> 12	Positive	48 %	
----- Total per sample: n = 25 -----	Success: 100 %	-			
E2 and S2	(1) Tube test	>>> 11	Positive	44 %	
	(7) Column agglutination - automat	>>> 2	Positive	8,0 %	
	(9) Column agglutination - manual	>>> 12	Positive	48 %	
----- Total per sample: n = 25 -----	Success: 100 %	-			
Total success: 100 %					
(733) Antigen Lea					
E1 and S1	(1) Tube test	>>> 20	Negative	59 %	
			1 Positive	2,9 %	
	(7) Column agglutination - automat	>>> 1	Negative	2,9 %	
	(9) Column agglutination - manual	>>> 12	Negative	35 %	
----- Total per sample: n = 34 -----	Success: 97 %	-			
E2 and S2	(1) Tube test	>>> 21	Negative	62 %	
	(7) Column agglutination - automat	>>> 1	Negative	2,9 %	
	(9) Column agglutination - manual	>>> 12	Negative	35 %	
	----- Total per sample: n = 34 -----	Success: 100 %	-		
Total success: 97 %					
(734) Antigen Leb					
E1 and S1	(1) Tube test	>>> 21	Negative	62 %	
	(7) Column agglutination - automat	>>> 1	Negative	2,9 %	
	(9) Column agglutination - manual	>>> 12	Negative	35 %	
	----- Total per sample: n = 34 -----	Success: 100 %	-		
E2 and S2	(1) Tube test	>>> 21	Positive	62 %	
	(7) Column agglutination - automat	>>> 1	Positive	2,9 %	
	(9) Column agglutination - manual	>>> 12	Positive	35 %	
	----- Total per sample: n = 34 -----	Success: 100 %	-		
Total success: 100 %					
(737) Direct Coombs (antiglobulin) test					
E1 and S1	(1) Tube test: IAT	>>> 5	Negative	3,7 %	
	(3) Column agglut.: IAT - automat	>>> 32	Negative	24 %	
	(5) Solid phase	>>> 1	Negative	0,74 %	
	(6) Microplate: IAT	>>> 1	Negative	0,74 %	
	(8) Column agglut.: IAT - manual	>>> 95	Negative	70 %	
	(9) Column agglut.: enzyme - manual	>>> 1	Negative	0,74 %	
	----- Total per sample: n = 135 -----	Success: 100 %	-		
	E2 and S2	(1) Tube test: IAT	>>> 5	Negative	3,7 %
		(3) Column agglut.: IAT - automat	>>> 32	Negative	24 %
(5) Solid phase		>>> 1	Negative	0,74 %	
(6) Microplate: IAT		>>> 1	Negative	0,74 %	
(8) Column agglut.: IAT - manual		>>> 95	Negative	70 %	
(9) Column agglut.: enzyme - manual		>>> 1	Negative	0,74 %	
----- Total per sample: n = 135 -----		Success: 100 %	-		
Total success: 100 %					

Test	Sample	Group	N	Result	N _{rel}
(741) Antibody screening (IAT, blood donor)					
E1 and S1	(0)	Not specified	>>> 1	Positive	1,1 %
	(1)	Tube test: IAT	>>> 2	Positive	2,3 %
	(3)	Column agglut.: IAT - automat	>>> 21	Positive	24 %
	(4)	Column agglut.: enzyme - automat	>>> 1	Positive	1,1 %
	(5)	Solid phase	>>> 15	Positive	17 %
	(6)	Microplate: IAT	>>> 2	Positive	2,3 %
	(8)	Column agglut.: IAT - manual	>>> 45	Positive	52 %
Total per sample: n = 87			Success: 100 %	-	
E2 and S2	(0)	Not specified	>>> 1	Positive	1,1 %
	(1)	Tube test: IAT	>>> 2	Positive	2,3 %
	(3)	Column agglut.: IAT - automat	>>> 21	Positive	24 %
	(4)	Column agglut.: enzyme - automat	>>> 1	Positive	1,1 %
	(5)	Solid phase	>>> 15	Positive	17 %
	(6)	Microplate: IAT	>>> 2	Positive	2,3 %
	(8)	Column agglut.: IAT - manual	>>> 44	Positive	51 %
			>>> 1	Not specified	1,1 %
Total per sample: n = 87			Success: 99 %	-	
Total success: 99 %					
(743) Antibody screening (IAT, recipient)					
E1 and S1	(0)	Not specified	>>> 1	Positive	0,69 %
	(1)	Tube test: IAT	>>> 1	Positive	0,69 %
	(3)	Column agglut.: IAT - automat	>>> 39	Positive	27 %
	(5)	Solid phase	>>> 6	Positive	4,2 %
	(8)	Column agglut.: IAT - manual	>>> 96	Positive	67 %
	(9)	Column agglut.: enzyme - manual	>>> 1	Positive	0,69 %
Total per sample: n = 144			Success: 100 %	-	
E2 and S2	(0)	Not specified	>>> 1	Positive	0,69 %
	(1)	Tube test: IAT	>>> 1	Positive	0,69 %
	(3)	Column agglut.: IAT - automat	>>> 39	Positive	27 %
	(5)	Solid phase	>>> 6	Positive	4,2 %
	(8)	Column agglut.: IAT - manual	>>> 96	Positive	67 %
	(9)	Column agglut.: enzyme - manual	>>> 1	Positive	0,69 %
Total per sample: n = 144			Success: 100 %	-	
Total success: 100 %					
(745) Antibody screening (IAT, pregnant)					
E1 and S1	(1)	Tube test: IAT	>>> 2	Positive	1,7 %
	(3)	Column agglut.: IAT - automat	>>> 34	Positive	30 %
	(5)	Solid phase	>>> 6	Positive	5,2 %
	(6)	Microplate: IAT	>>> 1	Positive	0,87 %
	(8)	Column agglut.: IAT - manual	>>> 72	Positive	63 %
Total per sample: n = 115			Success: 100 %	-	
E2 and S2	(1)	Tube test: IAT	>>> 2	Positive	1,7 %
	(3)	Column agglut.: IAT - automat	>>> 34	Positive	30 %
	(5)	Solid phase	>>> 6	Positive	5,2 %
	(6)	Microplate: IAT	>>> 1	Positive	0,87 %
	(8)	Column agglut.: IAT - manual	>>> 72	Positive	63 %
Total per sample: n = 115			Success: 100 %	-	
Total success: 100 %					
(747) Antibody screening (enzyme test)					
E1 and S1	(0)	Not specified	>>> 1	Positive	0,92 %
	(2)	Tube test: enzyme	>>> 1	Positive	0,92 %
	(3)	Column agglut.: IAT - automat	>>> 1	Positive	0,92 %
	(4)	Column agglut.: enzyme - automat	>>> 25	Positive	23 %
	(7)	Microplate: enzyme	>>> 1	Positive	0,92 %
	(8)	Column agglut.: IAT - manual	>>> 4	Positive	3,7 %
	(9)	Column agglut.: enzyme - manual	>>> 74	Positive	68 %
			>>> 1	Not specified	0,92 %
			>>> 1	Negative	0,92 %
Total per sample: n = 109			Success: 98 %	-	
E2 and S2	(0)	Not specified	>>> 1	Positive	0,92 %
	(2)	Tube test: enzyme	>>> 1	Positive	0,92 %
	(3)	Column agglut.: IAT - automat	>>> 1	Positive	0,92 %
	(4)	Column agglut.: enzyme - automat	>>> 25	Positive	23 %
	(7)	Microplate: enzyme	>>> 1	Positive	0,92 %
	(8)	Column agglut.: IAT - manual	>>> 4	Positive	3,7 %
	(9)	Column agglut.: enzyme - manual	>>> 76	Positive	70 %
Total per sample: n = 109			Success: 100 %	-	

Test	Sample	Group	N	Result	N _{rel}
Total success: 98 %					
(750) Antibody identification					
E1 and S1 (0) Not specified			> 44	anti-E; anti-Fya	88 %
			1	anti-E; anti-Fya; anti-Cw	2,0 %
			>>> 5	anti-E; anti-Fya; anti-Wra	10 %
----- Total per sample: n = 50 ----- Success: 98 % -----					
E2 and S2 (0) Not specified			>>> 49	anti-D	98 %
			1	anti-D; anti-Cw	2,0 %
----- Total per sample: n = 50 ----- Success: 98 % -----					
Total success: 98 %					
(752) Antibody titre, Sample 1: 1st antibody					
E1 and S1 (0) Not specified			± 3	titre 32	9,7 %
(1) Tube + homozyg. expression			± 1	titre 8	3,2 %
			± 1	titre 32	3,2 %
			± 1	titre 64	3,2 %
(2) Tube + heterozyg. expression			± 1	titre 4	3,2 %
			± 2	titre 8	6,5 %
			± 1	titre 16	3,2 %
(3) Column agglut.+ homozyg. expres.			± 1	titre 8	3,2 %
			± 5	titre 32	16 %
			± 2	titre 64	6,5 %
(4) Column agglut.+ heterozyg. expres.			± 2	titre 4	6,5 %
			± 4	titre 8	13 %
			± 3	titre 16	9,7 %
			± 3	titre 32	9,7 %
			± 1	titre 128	3,2 %
----- Total per sample: n = 31 ----- Success (only evaluated results): not assessed -----					
(753) Antibody titre, Sample 1: 2nd antibody					
E1 and S1 (0) Not specified			± 2	titre 16	5,9 %
			± 1	titre 64	2,9 %
(1) Tube + homozyg. expression			± 1	titre 8	2,9 %
			± 1	titre 16	2,9 %
(2) Tube + heterozyg. expression			± 1	titre 16	2,9 %
			± 1	titre 32	2,9 %
(3) Column agglut.+ homozyg. expres.			± 1	titre 8	2,9 %
			± 2	titre 16	5,9 %
(4) Column agglut.+ heterozyg. expres.			± 8	titre 8	24 %
			± 10	titre 16	29 %
			± 5	titre 32	15 %
			± 1	titre 64	2,9 %
----- Total per sample: n = 34 ----- Success (only evaluated results): not assessed -----					
(754) Antibody titre, Sample 1: 3rd antibody					
E1 and S1 (0) Not specified			± 1	titre 32	25 %
(3) Column agglut.+ homozyg. expres.			± 1	titre 16	25 %
(4) Column agglut.+ heterozyg. expres.			± 2	titre 16	50 %
----- Total per sample: n = 4 ----- Success (only evaluated results): not assessed -----					
(756) Antibody titre, Sample 2: 1st antibody					
E2 and S2 (1) Tube + homozyg. expression			± 1	titre 256	2,9 %
			± 1	titre 32	2,9 %
(2) Tube + heterozyg. expression			± 2	titre 64	5,9 %
			± 1	titre 128	2,9 %
(3) Column agglut.+ homozyg. expres.			± 1	titre 32	2,9 %
			± 5	titre 64	15 %
			± 3	titre 128	8,8 %
(4) Column agglut.+ heterozyg. expres.			± 1	titre 256	2,9 %
			± 1	titre 32	2,9 %
			± 8	titre 64	24 %
			± 7	titre 128	21 %
(99) Another measurement principle			± 1	titre 64	2,9 %
			± 2	titre 128	5,9 %
----- Total per sample: n = 34 ----- Success (only evaluated results): not assessed -----					

Test		N	Result	N _{rel}
Sample	Group			
Set 3				
(760) Crossmatch				
S1	All results	>>> 130	Crossmatch successful	100 %
----- Total per sample: n = 130		----- Success: 100 %	-----	
S2	All results	>>> 130	Crossmatch successful	100 %
----- Total per sample: n = 130		----- Success: 100 %	-----	
Total success: 100 %				
(761) Crossmatch (segment K1)				
S1	(1) Tube test: IAT	>>> 1	Positive test	0,77 %
	(3) Column agglut.: IAT - automat	>>> 24	Positive test	18 %
	(5) Solid phase	>>> 4	Positive test	3,1 %
	(6) Microplate: IAT	>>> 1	Positive test	0,77 %
	(8) Column agglut.: IAT - manual	>>> 98	Positive test	75 %
	(9) Column agglut.: enzyme - manual	>>> 1	Positive test	0,77 %
	(99) Another measurement principle	>>> 1	Positive test	0,77 %
----- Total per sample: n = 130		----- Success: 100 %	-----	
S2	(1) Tube test: IAT	>>> 1	Negative test	0,77 %
	(3) Column agglut.: IAT - automat	>>> 24	Negative test	18 %
	(5) Solid phase	>>> 4	Negative test	3,1 %
	(6) Microplate: IAT	>>> 1	Negative test	0,77 %
	(8) Column agglut.: IAT - manual	>>> 98	Negative test	75 %
	(9) Column agglut.: enzyme - manual	>>> 1	Negative test	0,77 %
	(99) Another measurement principle	>>> 1	Negative test	0,77 %
----- Total per sample: n = 130		----- Success: 100 %	-----	
Total success: 100 %				
(762) Serve transfusion product (segment K1)				
S1	(0) Not specified	± 129	Impossible, risk of haemolysis	99 %
		± 1	Decision depends on results of other tests not performed in our laboratory	0,77 %
----- Total per sample: n = 130		----- Success (only evaluated results): not assessed	-----	
S2	(0) Not specified	± 4	Impossible, risk of haemolysis	3,1 %
		± 73	Decision depends on results of other tests not performed in our laboratory	56 %
		± 32	Only if more suitable products are not available	25 %
		± 21	Possible	16 %
----- Total per sample: n = 130		----- Success (only evaluated results): not assessed	-----	
(764) Crossmatch (segment K2)				
S1	(1) Tube test: IAT	>>> 1	Negative test	0,77 %
	(3) Column agglut.: IAT - automat	>>> 25	Negative test	19 %
	(5) Solid phase	>>> 4	Negative test	3,1 %
	(6) Microplate: IAT	>>> 1	Negative test	0,77 %
	(8) Column agglut.: IAT - manual	>>> 97	Negative test	75 %
	(9) Column agglut.: enzyme - manual	>>> 1	Negative test	0,77 %
	(99) Another measurement principle	>>> 1	Negative test	0,77 %
----- Total per sample: n = 130		----- Success: 100 %	-----	
S2	(1) Tube test: IAT	>>> 1	Positive test	0,77 %
	(3) Column agglut.: IAT - automat	>>> 25	Positive test	19 %
	(5) Solid phase	>>> 4	Positive test	3,1 %
	(6) Microplate: IAT	>>> 1	Positive test	0,77 %
	(8) Column agglut.: IAT - manual	>>> 97	Positive test	75 %
	(9) Column agglut.: enzyme - manual	>>> 1	Positive test	0,77 %
	(99) Another measurement principle	>>> 1	Positive test	0,77 %
----- Total per sample: n = 130		----- Success: 100 %	-----	
Total success: 100 %				
(765) Serve transfusion product (segment K2)				
S1	(0) Not specified	± 2	Impossible, risk of haemolysis	1,5 %
		± 75	Decision depends on results of other tests not performed in our laboratory	58 %
		± 33	Only if more suitable products are not available	25 %
		± 20	Possible	15 %
----- Total per sample: n = 130		----- Success (only evaluated results): not assessed	-----	
S2	(0) Not specified	± 128	Impossible, risk of haemolysis	98 %
		± 2	Decision depends on results of other tests not performed in our laboratory	1,5 %
----- Total per sample: n = 130		----- Success (only evaluated results): not assessed	-----	