

AIHA CASE #3

Eluate

Lot #19799		Rh system						Kell						Duffy		Kidd		Lewis		P	MNSs				Lutheran		Xg	Other Typings	Cell	Eluate <IgG	CC
Cell	Rh	D	C	c	E	e	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	Le ^a	Le ^b	P1	M	N	S	s	Lu ^a	Lu ^b	Xg ^a				
1	RZR1	+	+	0	+	+	0	0	+	0	+	0	+	0	+	+	0	0	+	0	+	0	+	+	0	+	+		1	2+	
2	R1wR1	+	+	0	0	+	0	0	+	0	+	0	+	+	+	+	0	0	+	+	+	0	+	+	0	+	+		2	2+	
3	R2R2	+	0	+	+	0	0	0	+	0	+	0	+	0	0	+	0	+	0	+	+	0	0	+	+	+	0	Co ^{b+}	3	1+	
4	Ror	+	0	+	0	+	+	0	+	0	+	0	+	0	0	+	0	0	0	+	+	0	0	0	0	+	0	Bg ^{a+}	4	2+	
5	r'r	0	+	+	0	+	0	0	+	0	+	0	+	0	+	+	+	+	0	+	+	+	+	+	0	+	+		5	1+	
6	r''r	0	0	+	+	+	0	0	+	0	+	0	+	0	+	+	0	0	+	+	+	0	+	+	+	+	+		6	1+	
7	Rr	0	0	+	0	+	0	+	+	0	+	0	+	0	+	0	+	0	+	+	+	0	+	+	0	+	+		7	1+	
8	Rr	0	0	+	0	+	0	0	+	0	+	0	+	+	0	+	0	0	0	0	+	0	0	+	0	+	0		8	2+	
9	R1R1	+	+	0	+	0	0	0	+	0	+	0	+	0	+	0	+	0	+	+	0	+	0	+	0	+	+	Yk ^{a-} ,Kn ^{a-}	9	2+	
10	R2r	+	0	+	+	+	0	0	+	0	+	0	+	+	0	0	+	0	+	+	0	+	0	+	0	0	I-	10	2+		
11	R1R1	+	+	0	+	0	0	+	+	+	+	0	+	0	+	+	+	0	+	+	+	+	0	+	0	+	Bg ^{a+}	11	2+		
12	Rr	0	0	+	0	+	0	0	+	0	+	0	+	+	+	+	+	0	0	0	+	0	+	0	+	+		12			
13	Rr	0	0	+	0	+	0	0	+	0	+	0	+	0	+	+	+	+	0	+	0	+	0	+	0	+		13			
14	Rr	0	0	+	0	+	0	0	+	0	+	0	+	+	0	+	+	0	+	0	+	0	+	0	0	+		14			
15	Rr	0	0	+	0	+	+	0	+	0	+	+	+	0	0	+	0	0	+	+	+	+	+	+	0	+		15			
16	Rr	0	0	+	0	+	0	+	0	0	+	0	+	+	+	+	+	0	+	+	0	+	+	+	0	+	Yt ^{b+}	16			
Last wash test																									A1 RBCs		0	2+			

QUESTIONS: AIHA CASE #3

1. What is the specificity of the antibody(ies)? Is this allo- or auto-antibody?
2. What does the auto-adsorption demonstrate? What history do you need in order to know if this test result is valid?
3. How would you select RBCs for transfusion in this case?