

AIHA CASE #3

Eluate

Lot #19799	Rh system							Kell						Duffy		Kidd		Lewis		P	MNSs					Lutheran		Xg	Other		Eluate	
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	Typings	Cell	<IgG		
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			
Patient																												AC				

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?