

ABID CASE #16

Question:

1. What antibody(ies) appear to be present? Is this identification proven? If not, what hypotheses might you make regarding the cause of the observed reactivity? What steps might be taken to prove or disprove these hypotheses?

The technologist chose to repeat testing with certain nonreactive panel and antibody detection cells using a longer (30 min) incubation time (the original incubation time was the manufacturer's recommended 15 min).

Lot #VRA130		Rh system						Kell						Duffy		Kidd		Xg	Lewis		MNSs				P	Lutheran		Other	Gel test			
Cell	Rh	D	C	E	c	e	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	Xg ^a	Le ^a	Le ^b	S	s	M	N	PI	Lu ^a	Lu ^b	Typings	Cell	Original rxns	Repeat	
1	R1wR1	+	+	0	0	+	0	0	+	0	+	0	+	+	0	+	+	+	0	+	0	+	+	+	+	+	0	+	C ^w	1	0	vw+
2	R1R1	+	+	0	0	+	0	+	+	0	+	0	+	0	+	+	0	+	0	0	+	+	+	0	+	0	+		2	1+		
3	R2R2	+	0	+	+	0	0	0	+	0	+	0	+	+	+	0	+	+	0	+	+	+	+	0	+s	0	+		3	1+		
4	Ror	+	0	0	+	+	+	+	+	0	+	0	+	0	0	+	0	0	0	0	0	+	+	+	+	0	+		4	1+		
5	r'r	0	+	0	+	+	0	0	+	0	+	0	+	+	+	0	+	+	+	0	+	+	+	+	0	0	+		5	0		
6	r>r	0	0	+	+	+	0	0	+	0	+	0	+	0	+	+	+	+	0	+	0	+	0	+	+	0	+		6	0	0	
7	rr	0	0	0	+	+	0	+	+	0	+	0	+	0	+	+	+	+	+	0	+	0	+	0	0	0	+	Bg ^a +	7	w+		
8	rr	0	0	0	+	+	0	0	+	0	+	0	+	+	0	+	+	+	+	0	+	+	o	+	+	0	+		8	0		
9	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	0	+	+	0	+	+	+	+	+	+	0	+		9	0		
10	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	+	0	+	0	0	+	+	+	+	+s	0	+		10	0		
11	R1R1	+	+	0	0	+	0	0	+	0	+	0	+	0	+	+	+	0	+	0	+	0	+	0	+	0	+		11	0	vw+	
Patient																													AC			

Antibody screening cells (same as above)

Lot #VS280		Rh system						Kell						Duffy		Kidd		Xg	Lewis		MNSs				P	Lutheran		Other	Gel test		
Cell	Rh	D	C	E	c	e	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	Xg ^a	Le ^a	Le ^b	S	s	M	N	PI	Lu ^a	Lu ^b	Typings	Original rxns	Repeat	
SCI	R1R1	+	+	0	0	+	0	+	+	0	+	0	+	+	+	+	0	+	+	0	0	+	+	+	0	0	+		0	1+	
SCH	R2R2	+	0	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	0	+	+	+	+	0	+	0	+		1+	2+	

