

Clin History: 29 y.o. gravida 4 para 3 female traveling in Colorado on vacation while 30 weeks pregnant. In ER after minor traffic accident. Type & screen requested.

Prev Testing: No history available

Transf Hx: No history available

Anti-A	Anti-B	A ₁ cells	B cells
4+	0	0	4+

Anti-D
0

Cell	IS	37	AHG
I	0	0	I+
II	0	0	I+
III	0	0	0 ✓

Cell	Rh-hr	Rh-hr								Kell					Duffy		Kidd		P	Lutheran		MNSs				Lewis		Cell	Results					
		D	C	E	c	e	f	C _w	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	P ₁	Lu ^a	Lu ^b	M	N	S	s	Le ^a		Le ^b	IS	37	AHG		
1	R ¹ R ¹	+	+	0	0	+	0	+	0	0	+	0	+	0	+	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	1	0	0	I+
2	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	+	0	+	+	0	0	+	0	+	0	+	0	+	0	+	2	0	0	I+
3	R ² R ²	+	0	+	+	0	0	0	0	0	+	0	+	0	+	0	0	+	0	+	0	+	0	+	+	+	0	0	3	0	0	I+		
4	R ⁰ r	+	0	0	+	+	+	0	0	0	+	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	0	4	0	0	I+		
5	r ^r	0	+	0	+	+	+	0	0	0	+	0	+	0	+	0	+	+	0	+	0	+	+	0	+	0	+	0	5	0	0	0 ✓		
6	r ^{''} r	0	0	+	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	0	+	+	+	+	0	6	0	0	0 ✓			
7	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	0	+	+	0	+	0	+	+	0	+	0	0	+	7	0	0	0 ✓		
8	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	+	+	+	0	0	+	8	0	0	0 ✓			
9	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	+	+	+	+	0	+	9	0	0	0 ✓			
10	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	+	0	+	0	+	+	0	0	+	+	0	10	0	0	0 ✓		
11	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	0	+	0	0	+	0	+	+	0	0	+	0	+	11	0	0	I+		
AC																													AC	0	0	0 ✓		

Clin History: 69 y.o. caucasian male with recurrent GI bleeding due to polyps. Now with HCT 19% and bleeding per rectum. Type and cross x 2 ordered.

Prev Testing: No antibodies or other issues

Transf Hx: 16 units PRBCs since 2004, most recent 6 mo ago

Anti-A	Anti-B	A ₁ cells	B cells
0	0	4+	4+

Anti-D
3+

Cell	IS	37	AHG
I	0	0	1+
II	0	0	0 ✓
III	0	0	3+

Cell	Rh-hr	Rh-hr								Kell					Duffy		Kidd		P	Lutheran		MNSs				Lewis		Cell	Results				
		D	C	E	c	e	f	C _w	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	P _i	Lu ^a	Lu ^b	M	N	S	s	Le ^a		Le ^b	IS	AHG		
1	R ¹ R ¹	+	+	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	1	0	3+	
2	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	2	0	3+	
3	R ² R ²	+	0	+	+	0	0	0	0	0	+	0	+	0	0	+	0	+	0	+	0	+	+	+	0	0	3	0	0	✓			
4	R ⁰ r	+	0	0	+	+	+	0	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	0	4	0	0	✓			
5	r ^r	0	+	0	+	+	+	0	0	0	+	0	+	0	+	0	+	+	0	+	+	0	+	0	+	0	5	0	0	✓			
6	r ^{''} r	0	0	+	+	+	+	0	0	0	+	0	+	+	+	+	0	+	0	+	0	+	+	+	+	0	6	0	1+				
7	rr	0	0	0	+	+	+	0	0	+	+	0	+	0	+	0	+	+	0	+	+	0	+	0	0	+	7	0	0	✓			
8	rr	0	0	0	+	+	+	0	0	0	+	0	+	+	+	+	0	+	0	+	+	+	+	0	+	0	8	0	1+				
9	rr	0	0	0	+	+	+	0	0	0	+	0	+	+	0	+	+	+	0	+	+	+	+	0	+	9	0	3+					
10	rr	0	0	0	+	+	+	0	0	+	+	0	+	+	+	+	+	+	0	+	+	0	0	+	+	0	10	0	1+				
11	R ¹ R ¹	+	+	0	0	+	0	0	0	+	+	0	+	0	+	0	+	0	+	0	+	+	0	+	0	+	11	0	0	✓			
AC																											AC	0	0	✓			

Clin History: 47 year old female with a history of breast cancer in remission for 10 years after autologous stem cell transplant. Hospitalized 2 weeks with pneumonia.

Prev Testing: No previous antibody history

Transf Hx: 47 RBC transfusions, most recent 8 days ago

Anti-A	Anti-B	A ₁ cells	B cells
4+	0	0	4+

Cell	
I	0
II	3+
III	0

DAT:			
Anti-D	Poly	IgG	C3d
4+	1+ (mf)	2+ (mf)	1+ (mf)

Cell	Rh-hr	Rh-hr								Kell					Duffy		Kidd		P	Lutheran		MNSs				Lewis		Cell	Results						
		D	C	E	c	e	f	C _w	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	P ₁	Lu ^a	Lu ^b	M	N	S	s	Le ^a		Le ^b						
1	R ¹ R ¹	+	+	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	1	0		
2	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	2	1+		
3	R ² R ²	+	0	+	+	0	0	0	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	+	+	0	0	0	0	3	0				
4	R ⁰ r	+	0	0	+	+	+	0	0	0	+	0	+	0	0	0	+	0	+	0	+	0	+	0	+	0	0	0	4	0					
5	r ^r	0	+	0	+	+	+	0	0	0	+	0	+	0	+	0	+	0	+	0	+	+	0	+	0	+	0	0	5	3+					
6	r ^{''} r	0	0	+	+	+	+	0	0	0	+	0	+	0	+	+	0	+	0	+	0	+	+	+	+	+	0	6	0						
7	rr	0	0	0	+	+	+	0	0	+	+	0	+	0	+	0	+	+	0	+	+	0	+	0	0	0	+	7	3+						
8	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	+	+	+	0	+	0	8	0						
9	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	+	0	+	+	+	+	0	+	9	1+						
10	rr	0	0	0	+	+	+	0	0	+	+	0	+	0	+	+	+	+	0	+	+	0	0	+	+	0	10	1+							
11	R ¹ R ¹	+	+	0	0	+	0	0	0	+	+	0	+	0	+	0	+	0	0	+	+	0	0	+	0	+	0	+	11	3+					
AC																											AC	1+	(mf)						

Clin History: 64 year old African-American male with CLL and history of multiple transfusions. Presents with HCT 16% and increased blasts.

Prev Testing: 3 months previous; nonspecific antibodies

Transf Hx: 30 U RBCs, most recent 4 months ago

Anti-A	Anti-B	A ₁ cells	B cells
0	4+	4+	0

Anti-D
3+

Cell	IS	37	AHG
I	0	1+	2+
II	0	0	0 ✓
III	0	0	3+

Cell	Rh-hr	Rh-hr								Kell					Duffy		Kidd		P	Lutheran		MNSs				Lewis		Cell	Results					
		D	C	E	c	e	f	C _w	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	P _i	Lu ^a	Lu ^b	M	N	S	s	Le ^a		Le ^b	IS	37	AHG		
1	R ¹ R ¹	+	+	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	+	1	0	0	3+
2	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	0	+	+	0	0	+	0	+	0	+	0	+	0	+	+	2	0	0	3+
3	R ² R ²	+	0	+	+	0	0	0	0	0	+	0	+	0	+	0	0	0	+	0	+	0	+	+	+	0	0	0	0	3	0	0	0 ✓	
4	R ⁰ r	+	0	0	+	+	+	0	0	0	+	0	+	0	+	0	0	0	+	0	+	0	+	0	+	0	0	0	0	4	0	0	0 ✓	
5	r ^r	0	+	0	+	+	+	0	0	0	+	0	+	0	+	0	+	0	+	+	0	+	+	0	+	0	+	0	0	0	5	0	0	0 ✓
6	r ^{''} r	0	0	+	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	0	+	+	+	+	0	+	0	6	0	0	1+	
7	rr	0	0	0	+	+	+	0	0	+	+	0	+	0	+	0	+	0	+	+	0	+	+	0	+	0	0	+	0	0	7	0	0	2+
8	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	+	+	+	0	+	0	0	0	8	0	0	1+	
9	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	0	+	+	+	0	+	+	+	+	0	+	0	0	9	0	0	3+	
10	rr	0	0	0	+	+	+	0	0	+	+	0	+	0	+	+	+	+	+	+	0	+	+	0	0	+	+	0	0	1+	10	0	1+	4+
11	R ¹ R ¹	+	+	0	0	+	0	0	0	+	+	0	+	0	+	0	+	0	+	0	0	+	+	0	0	+	0	+	0	0	11	0	0	2+
AC																														AC	0	0	0 ✓	

Clin History: 64 year old African-American male with CLL and history of multiple transfusions. Presents with HCT 16% and increased blasts.

Prev Testing: 3 months previous; nonspecific antibodies

Transf Hx: 30 U RBCs, most recent 4 months ago

Anti-A	Anti-B	A ₁ cells	B cells
0	4+	4+	0

Anti-D
3+

Cell	IS	37	AHG
I	0	1+	2+
II	0	0	0 ✓
III	0	0	3+

Cell	Rh-hr	Rh-hr								Kell					Duffy		Kidd		P	Lutheran		MNSs				Lewis		Cell	Results			
		D	C	E	c	e	f	C _w	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	P _i	Lu ^a	Lu ^b	M	N	S	s	Le ^a		Le ^b	37	AHG	
1	R ¹ R ¹	+	+	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	1	0	0 ✓
2	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	2	0	0 ✓
3	R ² R ²	+	0	+	+	0	0	0	0	0	+	0	+	0	0	+	0	+	0	+	0	+	+	+	0	0	3	0	0 ✓			
4	R ⁰ r	+	0	0	+	+	+	0	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	0	4	0	0 ✓			
5	r ^r	0	+	0	+	+	+	0	0	0	+	0	+	0	+	0	+	+	0	+	+	0	+	0	+	0	5	0	0 ✓			
6	r ^{''} r	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	+	7	0	2+			
8	rr	0	0	0	+	+	+	0	0	0	+	0	+	+	+	+	0	+	0	+	+	+	+	0	+	0	8	0	0 ✓			
9	rr	0	0	0	+	+	+	0	0	0	+	0	+	+	+	+	+	0	+	+	+	+	+	0	+	9	0	0 ✓				
10	rr	0	0	0	+	+	+	0	0	+	+	0	+	+	+	+	+	0	+	+	0	0	+	+	0	10	0	2+				
11	R ¹ R ¹	+	+	0	0	+	0	0	0	+	+	0	+	0	+	0	+	0	0	+	+	0	0	+	0	+	11	0	2+			
AC																											AC	0	0 ✓			

Clin History: 28 year old gravida I para 0 presents for her first prenatal visit. Prenatal workup requested.

Prev Testing: None available

Transf Hx: None

Anti-A	Anti-B	A ₁ cells	B cells
4+	0	1+	4+

Anti-D
0

Cell	IS	AHG
I	2+	0 ✓
II	2+	0 ✓
III	0	0 ✓

Cell	Rh-hr	Rh-hr								Kell					Duffy		Kidd		P	Lutheran		MNSs				Lewis		Cell	Results					
		D	C	E	c	e	f	C _w	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	P _i	Lu ^a	Lu ^b	M	N	S	s	Le ^a		Le ^b	IS	AHG			
1	R ¹ R ¹	+	+	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	+	1	0	0	✓
2	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	0	+	+	0	0	+	0	+	0	+	0	+	0	+	+	2	0	0	✓
3	R ² R ²	+	0	+	+	0	0	0	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	+	+	0	0	0	3	0	0	✓		
4	R ⁰ r	+	0	0	+	+	+	0	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	0	0	4	0	0	✓		
5	r ^r	0	+	0	+	+	+	0	0	0	+	0	+	0	+	0	+	+	+	0	+	+	0	+	0	+	0	5	2+	0	✓			
6	r ^{''} r	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	0	+	7	2+	0	✓			
8	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	+	+	+	0	0	8	1+	0	✓				
9	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	0	+	+	+	0	+	+	+	+	0	+	9	1+	0	✓				
10	rr	0	0	0	+	+	+	0	0	+	+	0	+	0	+	+	+	+	+	0	+	+	0	0	+	0	10	2+	0	✓				
11	R ¹ R ¹	+	+	0	0	+	0	0	0	+	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	0	+	11	2+	0	✓		
AC																												AC	0	0	✓			

Clin History: 69 year old Caucasian male with history of left total hip arthroplasty (THA) 3 years ago. Here now for right THA. Type and cross x 2 ordered.

Prev Testing: No issues at previous THA 3 years ago

Transf Hx: 6 units RBCs after last THA, none since

Anti-A	Anti-B	A ₁ cells	B cells
0	0	4+	4+

Anti-D
4+

Cell	
I	2+
II	3+
III	0

Cell	Rh-hr	Rh-hr								Kell					Duffy		Kidd		P	Lutheran		MNSs				Lewis		Cell	Results		
		D	C	E	c	e	f	C _w	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	P _i	Lu ^a	Lu ^b	M	N	S	s	Le ^a		Le ^b		
1	R ¹ R ¹	+	+	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	+	+	0	0	+	0	+	1	0		
2	R ¹ R ¹	+	+	0	0	+	0	0	0	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	2	0		
3	R ² R ²	+	0	+	+	0	0	0	0	0	+	0	+	0	+	+	0	+	0	+	0	+	0	+	0	0	3	0			
4	R ⁰ r	+	0	0	+	+	+	0	0	0	+	0	+	0	0	+	0	+	0	+	0	+	0	+	0	0	4	0			
5	r ¹ r	0	+	0	+	+	+	0	0	0	+	0	+	0	+	0	+	+	0	+	+	0	+	0	+	0	5	3+			
6	r ² r	0	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	0	+	7	4+			
8	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	0	+	+	+	+	0	+	8	3+			
9	rr	0	0	0	+	+	+	0	0	0	+	0	+	0	+	+	+	0	+	+	+	+	+	+	0	+	9	1+			
10	rr	0	0	0	+	+	+	0	0	+	+	0	+	0	+	+	+	+	0	+	+	0	0	+	+	0	10	2+			
11	R ¹ R ¹	+	+	0	0	+	0	0	0	+	+	0	+	0	+	0	+	0	0	+	+	0	0	+	0	+	11	2+			
AC																											AC	0			