

PhenoCell B 3% Antigen Composition Sheet

Batch No: 1664 199

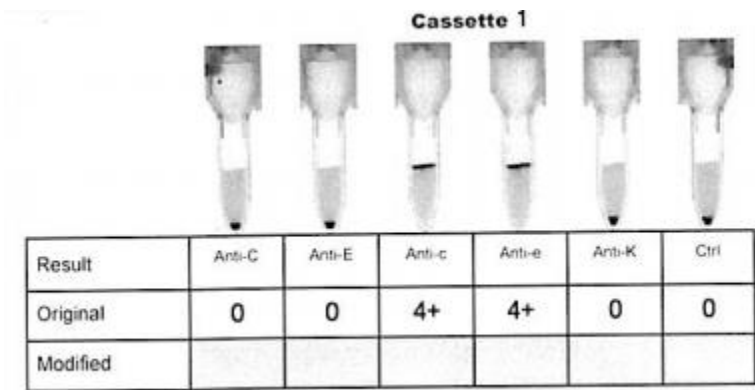
Expiry Date: 17/02/2020

Cell No	Reference No	RH										KEL				FY		JK		MNS			PIPK			LE		LU	Additional Typings	Cell No	Results	
		Rh Phen.	D	C	E	c	e	C*	K	k	Kp <sup>a</sup>	Kp <sup>b</sup>	Fy <sup>a</sup>	Fy <sup>b</sup>	Jk <sup>a</sup>	Jk <sup>b</sup>	M	N	S	s	P1	Le <sup>a</sup>	Le <sup>b</sup>	Lu <sup>a</sup>	Lu <sup>b</sup>	Agglu	PEG					
1	3119458	R <sub>1</sub> R <sub>1</sub>	+	+	0	0	+	+	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+	+	*Kn(b+)	1	0	0.5
2	2022368	R <sub>1</sub> R <sub>1</sub>	+	+	0	0	+	+	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+	+		2	0	0.5
3	2124054	R <sub>1</sub> R <sub>1</sub>	+	+	0	0	+	+	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+		3	0	0.5	
4	2148377	R <sub>2</sub> R <sub>2</sub>	+	0	+	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+	Co(b+)	4	0.5	1	
5	4125085	R <sub>2</sub> R <sub>2</sub>	+	0	+	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+		5	1	1	
6	2058053	r'r	0	+	0	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+	*Kn(b+)	6	0	0	
7	2243175	r'r	0	0	+	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+		7	0	0	
8	4593067	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+		8	0	0	
9	1341185	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	**Y(b+)	9	0	0		
10	2056302	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	Co(b+)	10	0	0		
11	4116342	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+		11	0	0		
Auto																												Auto	0	0		

Cell#	Rh-ir	Donor Number	RH										KEL				FY		JK		MNS			PIPK			LE		Lu <sup>a</sup>	Lu <sup>b</sup>	HLA+	Cell#	Agglu	PEG				
			D	C	E	c	e	f	Cw	V	K	k	Kp <sup>a</sup>	Kp <sup>b</sup>	Js <sup>a</sup>	Js <sup>b</sup>	Fy <sup>a</sup>	Fy <sup>b</sup>	Jk <sup>a</sup>	Jk <sup>b</sup>	Xg <sup>a</sup>	Le <sup>a</sup>	Le <sup>b</sup>	S	s	M	N	P1							Lu <sup>a</sup>	Lu <sup>b</sup>		
1	R1wR1	324305	+	+	0	0	+	+	0	+	0	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1	0	0.5	
2	R2R2	324117	+	0	+	+	+	0	0	0	+	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	1	0
3	rr	318130	0	0	0	+	+	0	0	0	+	+	0	+	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	3	0	0
Patient Cells																																						

80yo female. Routine group and save, pre-patient. No transfusion history.

- Initial investigation appears for antibody to be **anti-E**.
- Rampeg was done to increase reaction strength to see if heterozygote E cell 7 could produce a reaction.
- Rampeg found patient to have an **anti-D**.
- The R2R2 cells are only reacting as the expression of the D antigen is strongest on those cells. However, it leads to the belief that the antibody may be anti-E
- This is a good example of why we should further investigate when we get first time positive antibodies to ensure all cells we think it could be positive for are expressed or to change our thought process like in this case.



Cassette ID: 070420-77-106375-46910-9      Lot: 46910      Exp: 07/04/2020