



ANTIBODY EXCLUSION POSTER

Antibody Specificity	Maximum Number of Cells Required to Exclude
Anti-C, -E, -c, -e Anti-S, -s, -M, -N Anti-Fya, -Fyb Anti-Jka, -Jkb Anti-Lub	 <p>2 homozygous cells preferred if available (Use 1 homozygous cell and 2 heterozygous cells when 2 homozygous cells are not available) Exception: If unable to exclude M and N antibodies, give crossmatched compatible blood</p> 
Anti-K, -k	2 homozygous or 3 heterozygous cells or 1 homozygous cell and 1 heterozygous cell
Anti-D (passive)	If confirmed history of WinRho in last 3 months AND maximum strength of reaction is $\leq 2+$ in D+ reagent red cells, the anti-D present is likely WinRho D
Anti-D (immune)	D antigen zygosity cannot be determined by serologic testing. Hence any 2 D negative cells are sufficient for exclusion.
Exclusion of anti-C and/or anti-E antibody when immune anti-D is present	Three heterozygous C and/or E negative cells are sufficient for exclusion as the prevalence of dCe or dcE (D negative but C or E positive) red cells is very low ($< 1-2\%$ in population)
Use of abbreviated D panel*	Indications: Patients with recent administration of Rhlg (last 3 months)
Anti-f Anti-P1 Anti-Lea, -Leb Anti-Xga	 <p>Any 2 cells</p> 
Anti-Cw, -V Anti-Kpa, -Jsa Anti-Lua Anti-Wra	Routine exclusion is not usually required unless an antibody directed to a low frequency antigen is suspected (i.e., the panel cell, carrying the antigen, is positive and there are no other antibodies or explanation for the positive result)
Patient's RBC phenotype should be used in conjunction with the antigram for antibody identification and exclusion	
Prior to release, units selected for transfusion must be: <ul style="list-style-type: none"> Confirmed IAT crossmatch-compatible Negative for antigens corresponding to clinically significant antibodies 	
*Note: An abbreviated D panel is a panel containing only D negative cells. It usually involves running the 3-4 cells with the "@" in the "SPECIAL ANTIGEN TYPE" column on the ORTHO 0.8% PANEL A and C panel. Sometimes it is just cells 5, 6 and 7; other times cell 8 is included.	

Please consult the Transfusion Medicine physician on call if you have any questions

