







ANTIBODY EXCLUSION POSTER

Antibody Specificity	Maximum Number of Cells Required to Exclude
<p>Anti-C, -E, -c, -e Anti-S, -s, -M, -N Anti-Fya, -Fyb Anti-Jka, -Jkb Anti-Lub</p>	<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>  
<p>Anti-K, -k</p>	<p>2 homozygous or 3 heterozygous cells or 1 homozygous cell and 1 heterozygous cell</p>
<p>Anti-D (passive)</p>	<p>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</p>
<p>Anti-D (immune)</p>	<p>D antigen zygosity cannot be determined by serologic testing. Hence any 2 D negative cells are sufficient for exclusion.</p>
<p>Exclusion of anti-C and/or anti-E antibody when immune anti-D is present</p>	<p>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)</p>
<p>Use of abbreviated D panel*</p>	<p>Indications: Patients with recent administration of Rhlg (last 3 months)</p>
<p>Anti-f Anti-P1 Anti-Lea, -Leb Anti-Xga</p>	<p>Any 2 cells</p>  
<p>Anti-Cw, -V Anti-Kpa, -Jsa Anti-Lua Anti-Wra</p>	<p>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)</p>
<p>Patient's RBC phenotype should be used in conjunction with the antigram for antibody identification and exclusion</p>	
<p>Prior to release, units selected for transfusion must be:</p> <ul style="list-style-type: none"> • Confirmed IAT crossmatch-compatible • Negative for antigens corresponding to clinically significant antibodies 	
<p>*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.</p>	

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

