




























Red Blood Cell Compatibility Chart

D O N O R

**A massively bleeding Rh negative patient may receive Rh positive units due to inventory constraints. A deviation from the medical director should be obtained during or after the event for follow-up.*










		D O N O R							
		O+	O-	A+	A-	B+	B-	AB+	AB-
R E C I P I E N T	O+								
	O-								
	A+								
	A-								
	B+								
	B-								
	AB+								
	AB-								

Plasma/Cryo Compatibility Chart

D O N O R

Plasma products are not cellular, so Rh factor is not considered.

CRYO: Select the cryoprecipitate with the earliest date

















R E C I P I E N T		O+	A+	B+	AB+
	O+	 1 ST CHOICE	 2 nd CHOICE	 3 rd CHOICE	 4 th CHOICE
	A+		 1 ST CHOICE		 2 nd CHOICE
	B+			 1 ST CHOICE	 2 nd CHOICE
	AB+				 1 ST CHOICE

Platelet Compatibility Chart

D O N O R

Adults can receive any type of platelet*. It is preferable to provide ABO compatible first, minor mismatch next, major mismatch last.

**ABO antigens are only weakly expressed on platelets. Rh antigens are not expressed. Most adults can neutralize small amounts of incompatible plasma.*

R E C I P I E N T		O	A	B	AB
	O	 MAJOR MISMATCH	 MAJOR MISMATCH	 MAJOR MISMATCH	 MAJOR MISMATCH
	A	 MAJOR MISMATCH	 MAJOR MISMATCH	 MAJOR MISMATCH	 MINOR MISMATCH
	B	 MAJOR MISMATCH	 MAJOR MISMATCH	 MAJOR MISMATCH	 MINOR MISMATCH
	AB	 MINOR MISMATCH	 MINOR MISMATCH	 MINOR MISMATCH	 MINOR MISMATCH

ABO Visualization

Blood group	Group A	Group B	Group AB	Group O
Red blood cell type				
Antibodies present in plasma			None	
Antigens present on red cells				No antigens

Rh Factor (Pos/Neg) Visualization

