



Laboratory Service Manual

Transfusion Services

BLOOD COMPONENT COMPATIBILITY CHART

ABO COMPATIBILITY

PATIENT			DONOR UNIT	
Patient's ABO Group	Antigen on Red Cells	Antibody(s) In Serum	Red Blood Cells	Plasma
O	No A or B	Anti-A Anti-B	O	O A B AB
A	A	Anti-B	A O	A AB
B	B	Anti-A	B O	B AB
AB	A and B	None	AB A B O	AB

Rh COMPATIBILITY (Does not apply to Plasma, Cryoprecipitate or Platelets)

Rh positive	D		Rh positive or Rh negative	
Rh negative	Absence of D		Rh negative	