

Key: I^{A} = type A antigen i = no antigen I^{B} = type B Antigen				
ABO BLOOD Blood Type	GROUPS	B	AB	0
Genotype	۱ ^۸ ۱ ^۸ or ۱ ^۸ i	I ^B I ^B or I ^B i	I ^A I ^B	ii
RBC Antigen	Type A	Type B	Types A & B	none
Plasma Antibodies	Type B Ĩ⊮	Type A ૻૣૢૢૢૢૢૢૣૢૣૣૣ	None	Types A & B
In Anti-A Serum	Clumping	No clumping	Clumping	No clumping
In Anti-B Serum	No clumping	Clumping	Clumping	No clumping

BLOOD TRANSFUSIONS

Rule: Match the antigen of the donor with the antibodies of the recipient.				
Blood Type	Can Donate To	Can Receive From		
Α	A, AB	Α, Ο		
В	B, AB	В, О		
AB	AB	AB, A, B, O		
0	O, A, B, AB	Ο		