

BLOOD TYPES & BLOOD TYPING

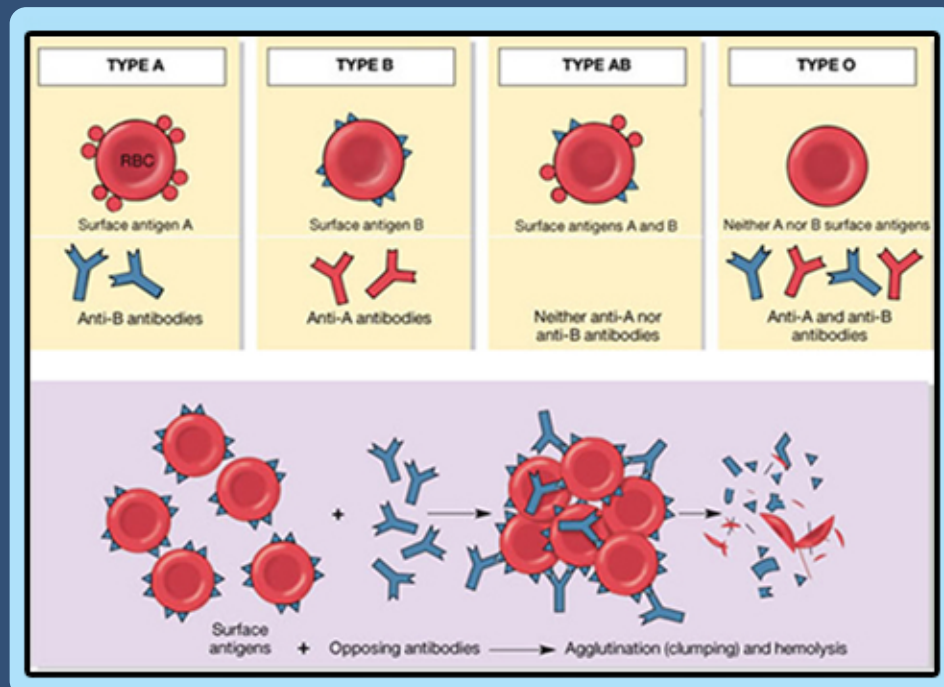


A blood type is a classification of blood based on the presence or absence of antigenic substances on the surfaces of red blood cells.

	Group A	Group B	Group AB	Group O
Red blood cell type				
Antibodies in Plasma	Anti-B	Anti-A	None	Anti-A and Anti-B
Antigens in Red Blood Cell	A antigen	B antigen	A and B antigens	None



How do blood tests and blood typing work?



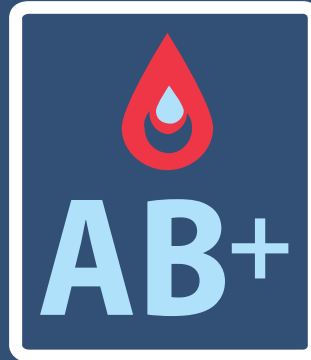
BLOOD TYPES & BLOOD TYPING



36% of the population
2nd most common
Can receive: A+, A-, O+, O-
Can give: A+, AB+



6% of the population
Rare
Can receive: A-, O-
Can give: A+, A-, AB+, AB-



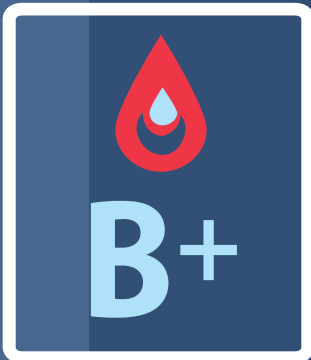
3% of the population
Rare
Can receive: All
Can give: AB+



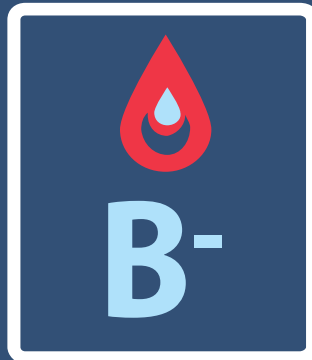
1% of the population
Rarest
Can receive: AB-, A-, B-, O-
Can give: AB+, AB-

Ununiversal acceptor: AB+

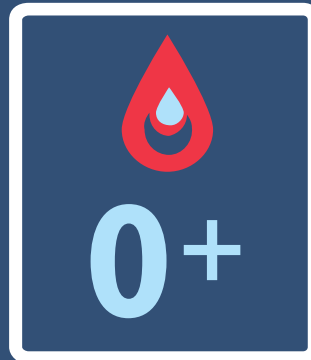
Ununiversal donor: O-



8% of the population
Rare
Can receive: B+, B-, O+, O-
Can give: B+, AB+



2% of the population
Rare
Can receive: B-, O-
Can give: B+, B-, AB+, AB-



37% of the population
Most common
Can receive: O+, O-
Can give: O+, A+, B+, AB+



7% of the population
Rare
Can receive: O-
Can give: All



THIS RESOURCE WAS PREPARED BY
TALLAHASSEE COMMUNITY COLLEGE LEARNING COMMONS

Data from oneblood.org Graphics from Pearson Publishing