

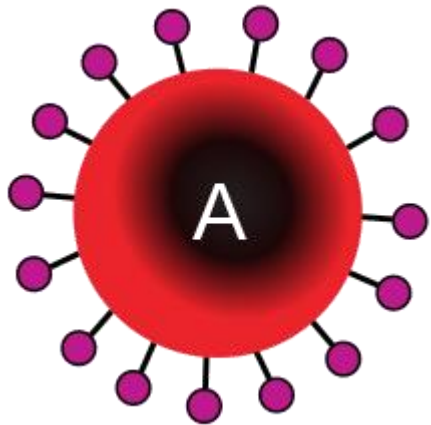
# Sistema ABO

**Prof. Alison**  
Biologia

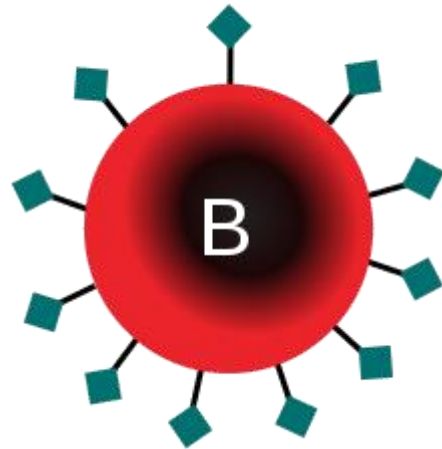
# Polialelia (SISTEMA ABO)

FENÓTIPOS

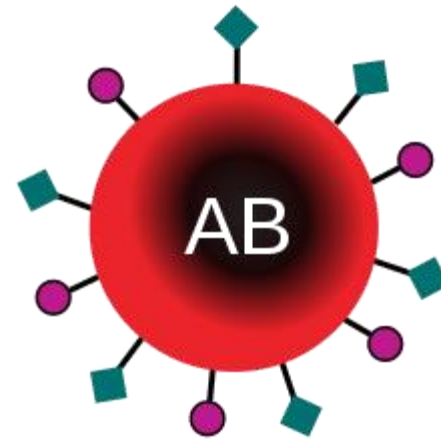
$A = B > O$



TIPO A



TIPO B



TIPO AB

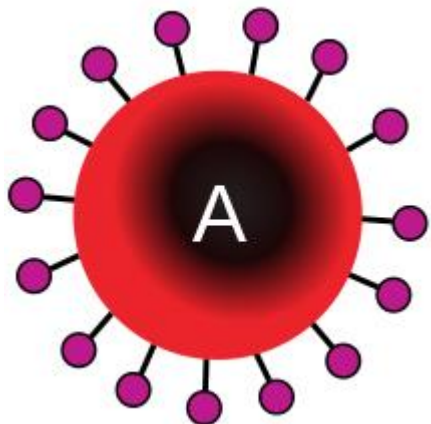


TIPO O

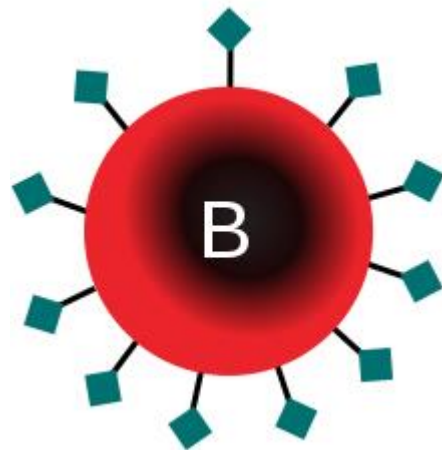
# Polialelia

GENÓTIPOS

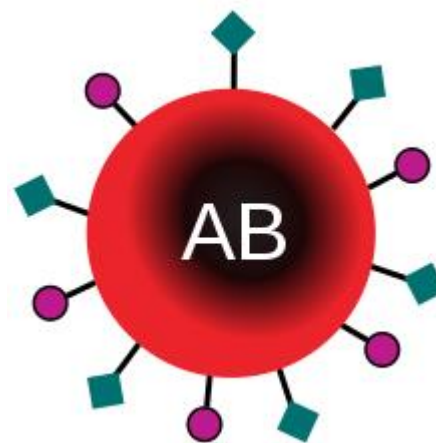
$I^A = I^B > i$



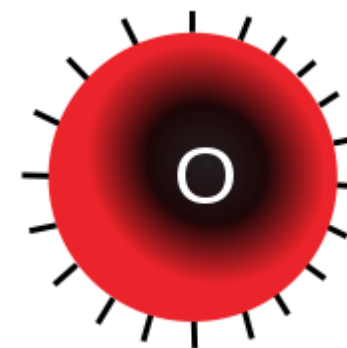
$I^A I^A$  ou  $I^A i$



$I^B I^B$  ou  $I^B i$



$I^A I^B$



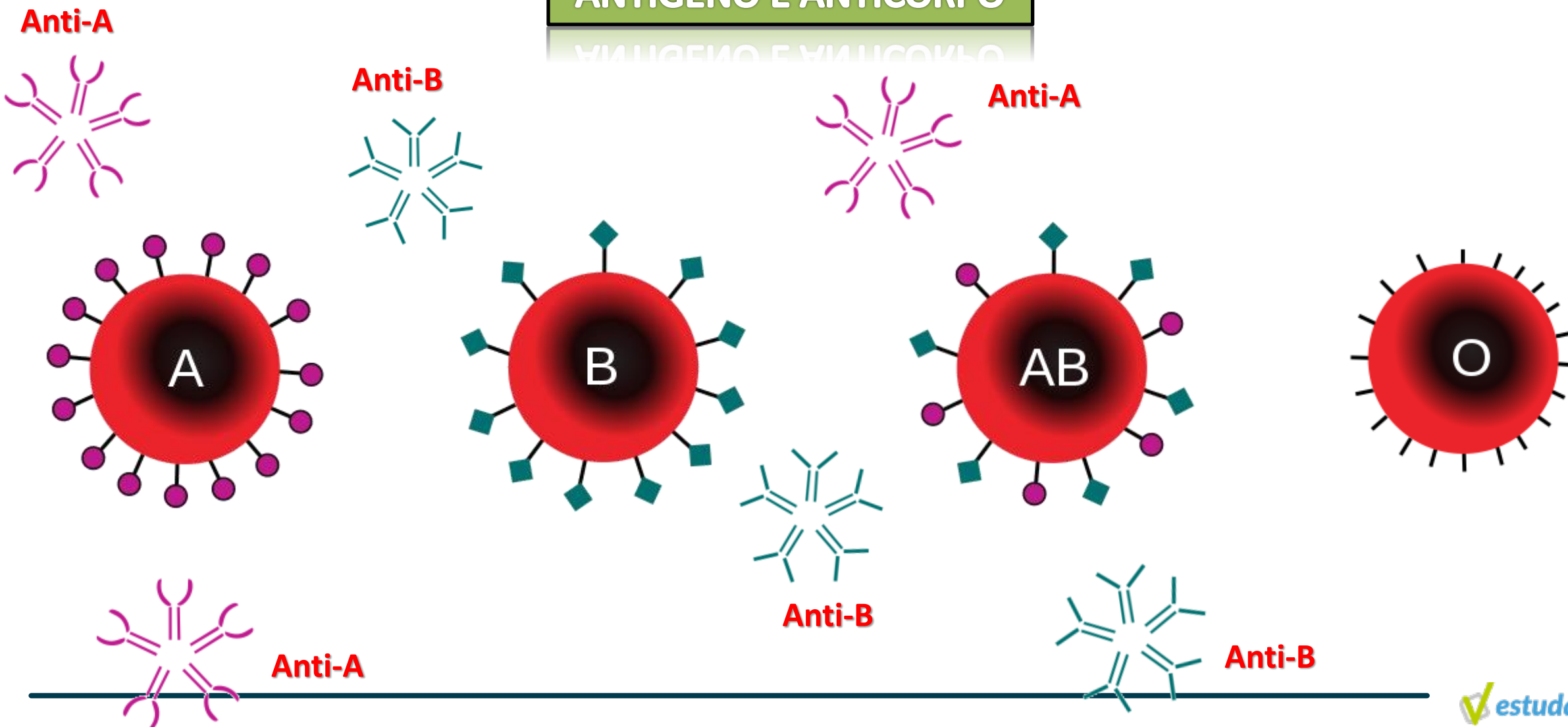
$ii$

## Ordem de Dominância

|                      | GRUPO A | GRUPO B | GRUPO AB | GRUPO O |
|----------------------|---------|---------|----------|---------|
| TIPO DE SANGUE       |         |         |          |         |
| ANTICORPO<br>PLASMA  |         |         |          |         |
| ANTÍGENO<br>HEMÁCIAS |         |         |          |         |

# Sistema ABO

## ANTÍGENO E ANTICORPO



# Sistema ABO







## ANTÍGENO E ANTICORPO

**TIPO A**

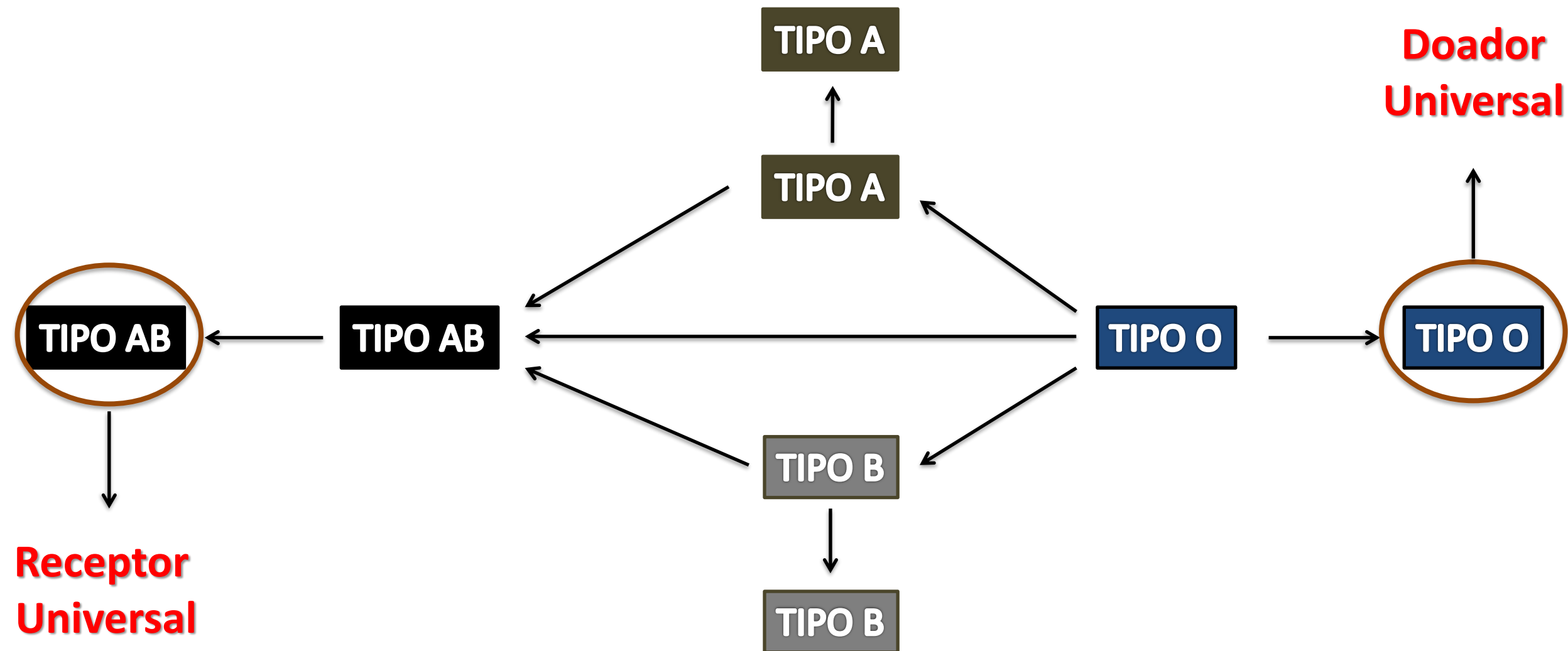
**TIPO B**

**TIPO AB**

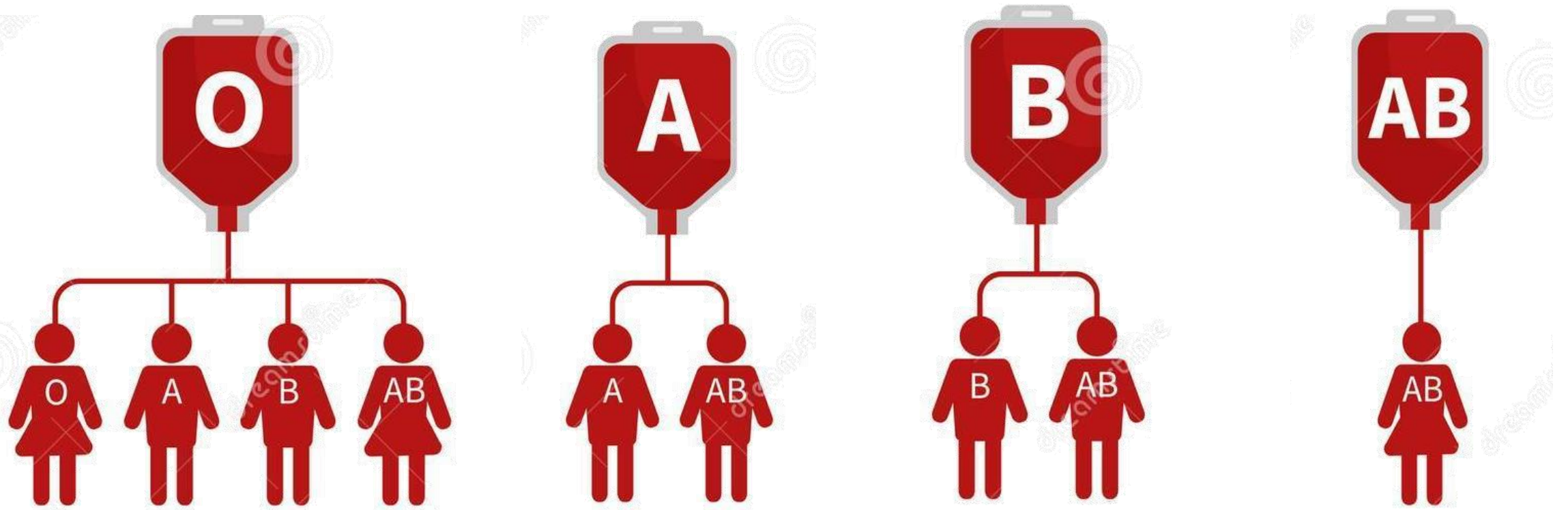
**TIPO O**

|                                    | TIPO A   | TIPO B   | TIPO AB   | TIPO O   |
|------------------------------------|--|--|---|--|
| <b>ANTICORPO</b><br><b>PLASMA</b>  | <br>Anti-B      | <br>Anti-A      | None  | <br>Anti-A and Anti-B |
| <b>ANTÍGENO</b><br><b>HEMÁCIAS</b> | <br>A antigen | <br>B antigen | <br>A and B antigens | None   |

# Transfusão sanguínea



# Transfusão sanguínea





# Tipagem sanguínea

Anti - A

Anti - B

Anti - A

Anti - B



TIPO A



TIPO B

# Tipagem sanguínea

Anti - A

Anti - B

Anti - A

Anti - B



**TIPO AB**



**TIPO O**