

**Joint United Kingdom (UK) Blood Transfusion and Tissue Transplantation Services Professional  
Advisory Committee**

<https://www.transfusionguidelines.org/transfusion-handbook/2-basics-of-blood-groups-and-antibodies/2-4-the-abo-system>

**Table 2.2 Choice of group of red cells, platelets, fresh frozen plasma (FFP) and cryoprecipitate according to recipient's ABO group**

Patient's ABO group	Red cells	Platelets <sup>a</sup>	Fresh frozen plasma (FFP) <sup>b</sup>	Cryoprecipitate
<b>O</b>				
First choice	O	O	O	O
Second choice		A	A or B	A or B
Third choice			AB	
<b>A</b>				
First choice	A	A	A	A
Second choice	O <sup>c</sup>	O <sup>d</sup>	AB	O or B
Third choice			B <sup>d</sup>	
<b>B</b>				
First choice	B	A <sup>d</sup>	B	B
Second choice	O <sup>c</sup>	O <sup>d</sup>	AB	O or A
Third choice			A <sup>d</sup>	
<b>AB</b>				
First choice	AB	A <sup>d</sup>	AB	AB
Second choice	A or B	O <sup>d</sup>	A <sup>d</sup>	A or B
Third choice	O <sup>c</sup>		B <sup>d</sup>	O

<sup>a</sup> Group B or AB platelets are not routinely available

<sup>b</sup> Group AB FFP is often in short supply

<sup>c</sup> Screening for high-titre anti-A and anti-B is not required if plasma-depleted group O red cells in SAG-M are used

<sup>d</sup> Tested and negative for high-titre anti-A and anti-B