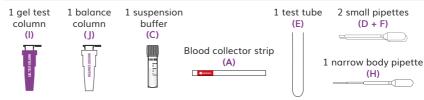




INDIVIDUAL PROCEDURE FOR PRE-TRANSFUSION TESTING



Sample material: Donor packed red blood cells (pRBCs) (B) and Recipient plasma (G).

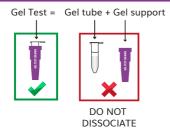
Preferably drawn into EDTA, CPD or ACD. Do not use Heparin.

For reliable results, use of freshly collected blood is indicated (<3 days at 2 - 8 °C).

Further material required: Centrifuge Hettich EBA270

WARNING: Use only the swinging bucket centrifuge Hettich EBA270.

N°1: Preparation of material provided before use





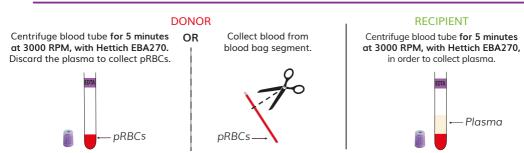
Allow the box to reach room temperature before use.

N°2 : Centrifugation of the columns before use

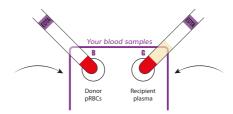
Centrifuge the gel test column (I) and the balance column (J) for 2 minutes at 3000 RPM with Hettich EBA270, in order to remove air bubbles or gel drops in the upper part of the Gel Test.



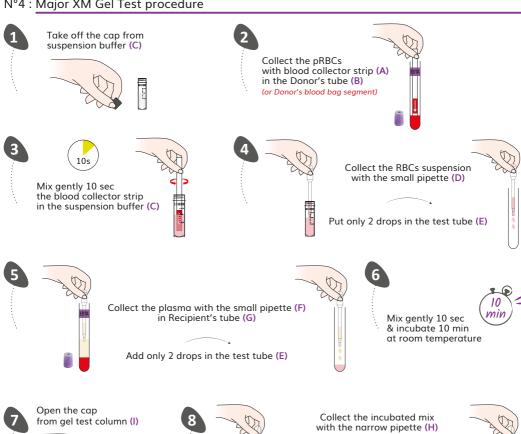
$N^{\circ}3$: Preparation of blood samples for MAJOR XM

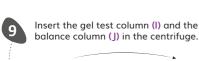


Insert your blood samples in the locations provided as shown below:



N°4: Major XM Gel Test procedure









Fill the gel test column (I) to the top and close it before centrifugation. Drop gently the suspension on the top of the gel without touching the gel with the pipette



RESULT INTERPRETATION

Compatibility = SAFE TRANSFUSION (=)





Incompatibility = DO NOT TRANSFUSE (+)

































LIMITATIONS

- Do not use Gel Test tubes which show signs of drying.
- Gel Test tubes which show air bubbles or gel drops in the upper part of the tubes must be centrifuged before use.
- Strict adherence to the procedures and recommended equipment, especially the Hettich EBA270, is essential for a reliable and validated result.
- · A non-specific centrifuge (fixed angle centrifuge) will give you false positive results.
- Debris, fibrin residues or other artefacts may cause a few unagglutinated cells to trap on top of the gel, but these tests should be interpreted as negative.
- Use of suspension solutions others than the provided one may modify the reactions.
- Too diluted or concentrated red blood cell suspensions can cause aberrant results.
- If the blood tube is hemolyzed, wash 3 times in PBS or saline buffer (Nacl 0,9%) to obtain washed pRBCs. Washing RBCs movie procedure: www.alvedia.com



