



## PROCEDURE FOR FELINE MAJOR CROSSMATCH

Material provided :

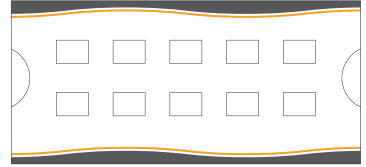
10 gel tests



2 buffer solutions



1 box of gel tests



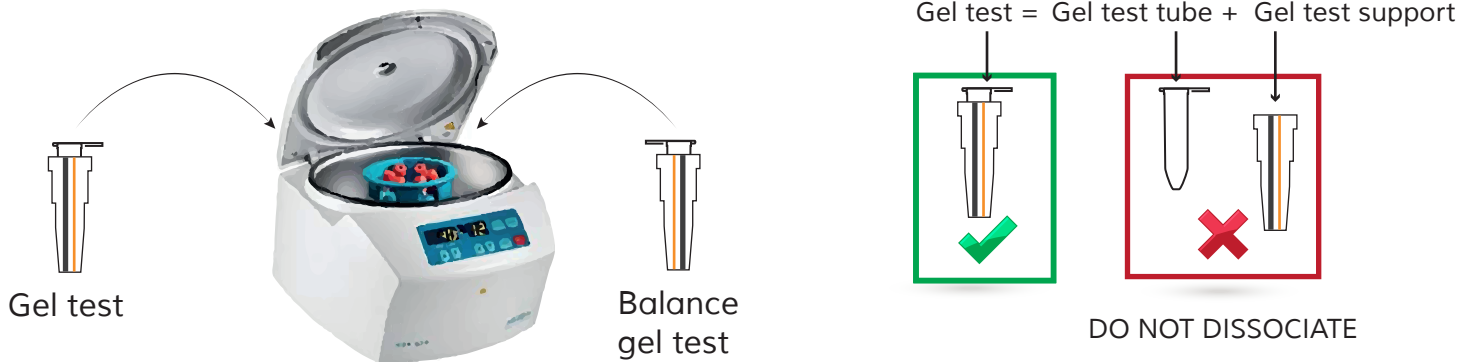
Sample material : Donor packed red blood cells (pRBCs). Preferably drawn into EDTA, CPD or ACD. **Do not use Heparin.** Recipient serum or plasma. For reliable results, use of freshly collected blood is indicated ( <3 days at 2 - 8 °C).

Further material required : Centrifuge Hettich EBA270 ; micropipette ; test tubes, tips.

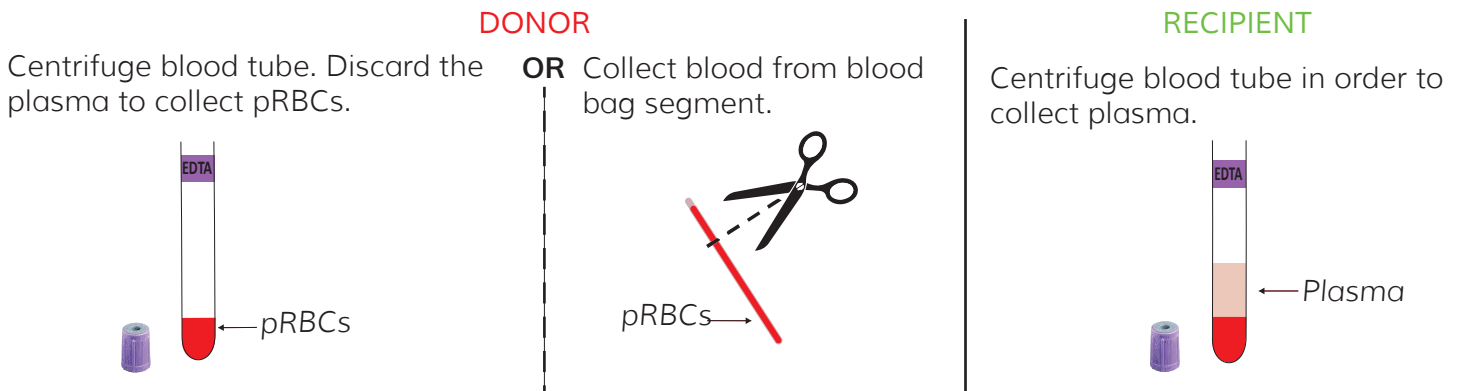
**WARNING : Use only swinging bucket centrifuge ( IF DIFFERENT THAN HETTICH EBA270 ).**

### N°1 : Centrifugation of the gel test before use

Centrifuge the gel test for 2 minutes at 3000 RPM with Hettich EBA270. (with other swinging bucket centrifuge : 2 minutes at 1000 g.)



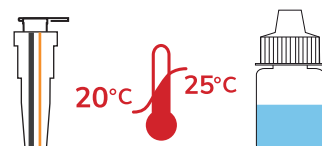
### N°2 : Preparation of blood samples for Major XM



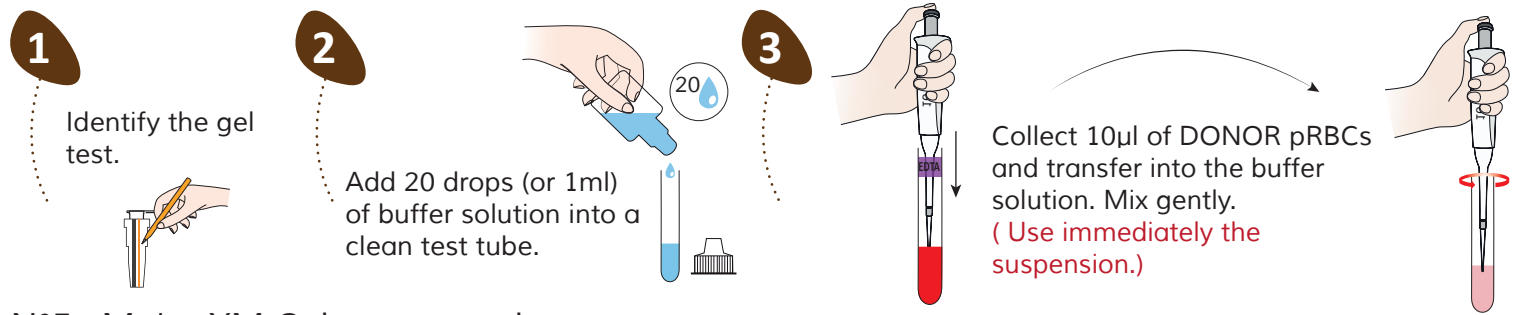
**Warning :** If the blood tube is hemolyzed, wash 3 times in PBS or saline buffer (NaCl 0,9%) to obtain washed pRBCs. **Washing RBCs procedure movie on :** [www.alvedia.com/customer-scientific-support/](http://www.alvedia.com/customer-scientific-support/)

### N°3 : Preparation of material provided before use

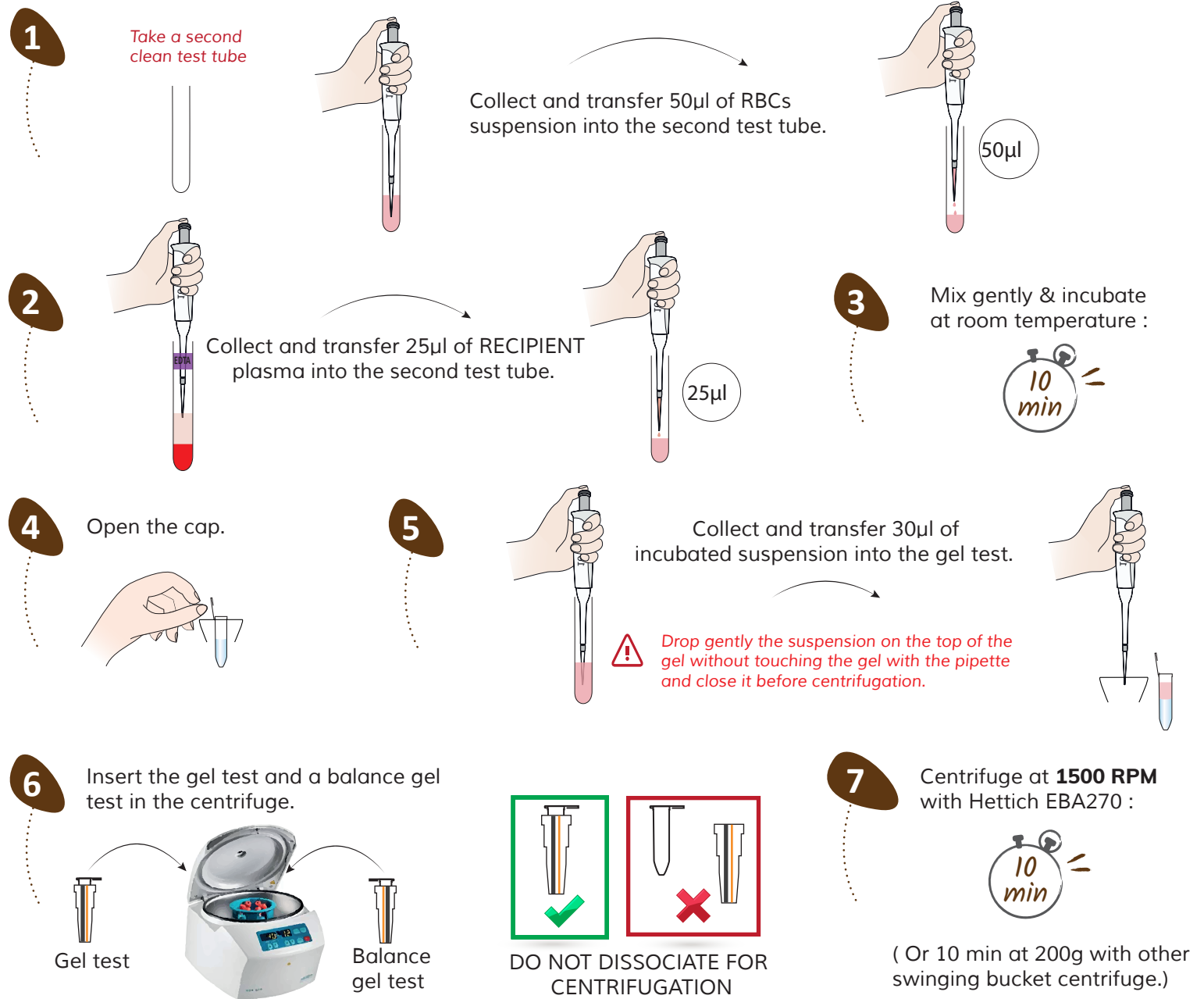
Allow the buffer solution and gel test to reach room temperature before use.



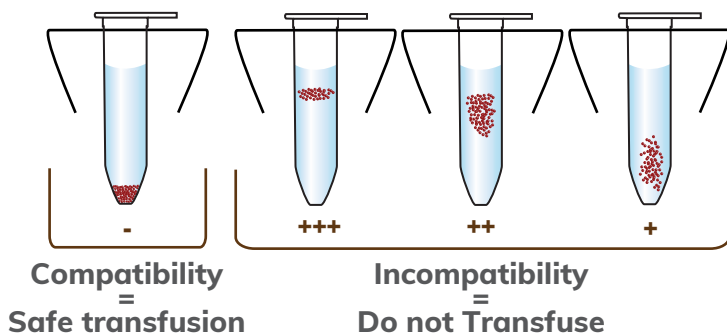
## N°4 : RBCs suspension preparation



## N°5 : Major XM Gel test procedure



## RESULT INTERPRETATIONS



Troubleshooting:  
Please contact the  
Scientific Service Laboratory  
contact@alvedia.com  
+33(0)478 380 239

**Alvedia**  
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