

MINOR = Recipient's RBCs + Donor's Plasma

N°1 : PREPARATION OF BLOOD SAMPLES AND TRAY

Centrifuge DONOR and RECIPIENT blood tubes 5 minutes at 1000g to obtain packed red blood cells (pRBCs) and plasma⁽¹⁾.



KEEP YOUR ORIGINAL DONOR'S AND RECIPIENT'S BLOOD TUBES CONTAINING PRBCS

N°2 : PREPARATION OF MAJOR AND MINOR XM



DISCARD BOTH D AND R LARGE TUBES CONTAINING THE REMAINING PLASMA.

N°3: INCUBATION

Incubate both D and **R** tubes at room temperature during 10 minutes





N°4 : WASHING PROCEDURE





N°5 : XM TEST PROCEDURE

Take the only one yellow top buffer for both tubes 3 Add 3 drops of the yellow top buffer Resuspend completely the pellet in the D tube by mixing gently both suspensions and 3 drops in the **R** tube. several times 5 to 10 min Insert the PINK EmMa membrane in the D tube Insert the **BROWN** EmMa membrane in the R tube RECIPIENT DONOR RECIPIEN DONOR WAIT UNTIL COMPLETE MIGRATION EmMa.Test Read the XM results RESULT FORM at the end of the migration by sticking both membranes on the result form respecting the arrow colors +0-0 ПП ПП П

SCIENTIFIC ADVISES

It is <u>MANDATORY</u> to blood type the donor and the recipient before making a Feline XM Test. Always transfuse <u>COMPATIBLE</u> blood.

Be careful, low titer and/or low affinity alloantibodies can be eluted during washing step procedures. This can affect the sensitivity of the XM test (e.g. low affinity/titer of anti-B in A blood group cat's plasma)

Usually, these alloantibodies cannot induce severe or mild hemolytic transfusion reaction.

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

