

RESULTS

 **COMPATIBLE
SAFE TRANSFUSION**

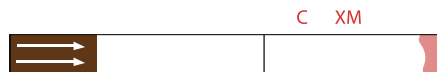


Do not interpret
the test **after 10 minutes**
(weak line may appear after drying)

 **INCOMPATIBLE
DO NOT TRANSFUSE**



WEAK LINE AT 5 MINUTES = POSITIVE RESULT



RARE CASE: STRONG AUTO-AGGLUTINATION

Scientific information:

- It is **MANDATORY** to blood type both the donor and the recipient for the AB blood group system before performing a Feline XM Test.
- This test allows detection of incompatibilities associated with the AB blood group system, Mik, Feline Erythrocyte Antigens (FEA), and other unidentified red blood cell alloantibodies.
- This test is used to detect alloantibodies after a mismatched transfusion or naturally occurring alloantibodies.
- Positive XM reactions may be observed in IMHA patients due to circulating autoantibodies present in the recipient plasma.
- Cats may rapidly develop alloantibodies following a transfusion. A XM is recommended before any transfusion, even if a previous transfusion was compatible.
- Test results must be interpreted in conjunction with the clinical and therapeutic context.
- The use of properly stored and well-preserved red blood cells is essential for reliable test performance and accurate result interpretation: samples showing hemolysis, bacterial contamination, or poor preservation may lead to inaccurate results.
- In Minor XM tests, weak false-positive reactions may occasionally occur when frozen-thawed donor plasma contains residual fibrin aggregates. If visible fibrin filaments are observed in the plasma sample, a centrifugation step is recommended.

BedSide Transfusion

CROSSMATCH TEST
LABTEST VERSION



5 min
HANDLING



10 min
INCUBATION



ALVEDIA
alice veterinary diagnostics

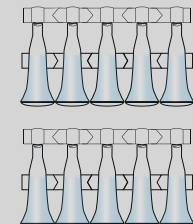
What we provide



10 BeST membranes

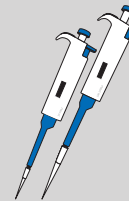


1 buffer solution

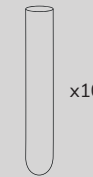


10 migration buffers

What you need



2 micropipettes
(10-100µl + 100-1000µl)



1 test tube (5mL)
for 1 XM Test



Centrifuge

A

MOVIE PROCEDURE

(Scan the QR code)



Test procedure
Test reader
E-recording
Scientific assistance
Troubleshooting

B

PREPARATION OF BLOOD TUBES FOR MAJOR XM*

BLOOD TYPING IS MANDATORY BEFORE XM

Centrifuge at 1 000g

3 min

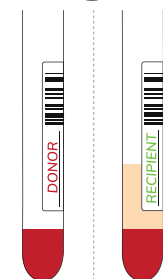
DONOR:

remove plasma
& keep pRBCs

OR collect pRBCs
from blood bag
segment.

RECIPIENT:

keep plasma



* For Minor XM: Reverse the donor & recipient tubes.
EDTA, CPDA or ACD ONLY. Do not use heparin.

BedSide Transfusion

CROSSMATCH TEST
LABTEST VERSION



5 min
HANDLING



10 min
INCUBATION

ALVEDIA
alice veterinary diagnostics

C PROCEDURE FOR MAJOR XM

STEP 1



1 buffer solution

2mL

STEP 2



Donor pRBCs

10µL

STEP 3

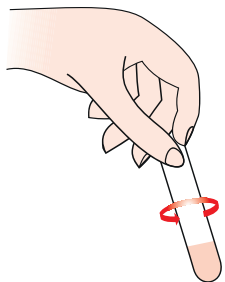


Recipient plasma

320µL

1 test tube

STEP 4 Mix suspension



STEP 5 Incubation



Incubation
at room temperature

BedSide Transfusion

CROSSMATCH TEST
LABTEST VERSION



5 min
HANDLING



10 min
INCUBATION

ALVEDIA
alice veterinary diagnostics

STEP 6 Centrifuge

Test tube

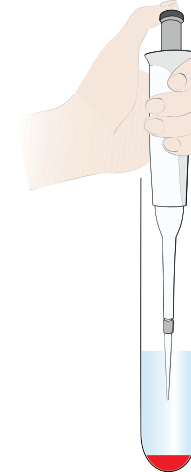


Balance tube
(not provided)



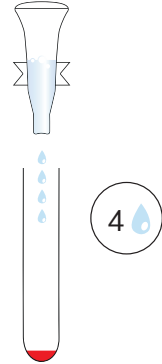
At 1000g

STEP 7 Remove only supernatant

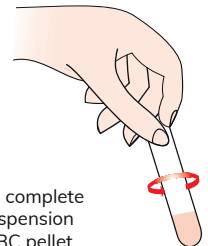


Keep RBC pellet

STEP 8 Add 4 drops

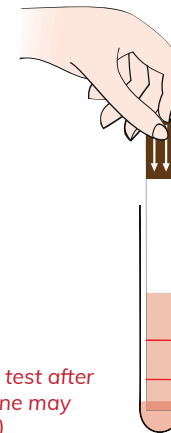


STEP 9 Mix suspension



Until complete
resuspension
of RBC pellet

STEP 10 Add test strip



Do not interpret the test after
10 minutes (weak line may
appear after drying)

Scan your test
to get the result

