



QuickTest XM



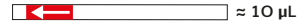
CANINE PROCEDURE FOR MAJOR CROSSMATCH*



Material provided :



1 XM Quick Test



2 Blood collector strips



1 blue top buffer 1



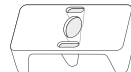
1 green top buffer 2



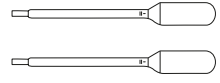
1 Wash Buffer



1 small tube



1 Empty well



2 pipettes (1 drop \approx 40 μ L)

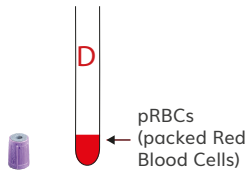
* For minor XM reverse the blood samples : Minor = Donor Plasma + Recipient RBCs and perform the same procedure

N°1 : PREPARATION OF BLOOD SAMPLES

(MAJOR = Donor RBCs + Recipient plasma)

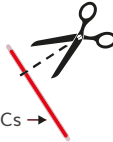
Donor

Centrifuge blood tube (5 min at 1000g).
Discard the plasma to collect pRBCs.



OR

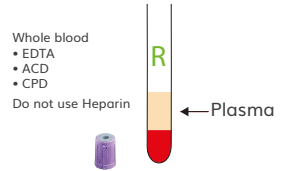
Collect blood from blood bag segment.



pRBCs

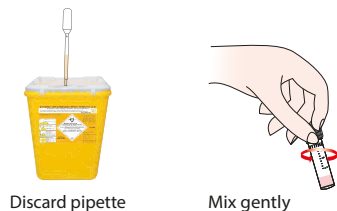
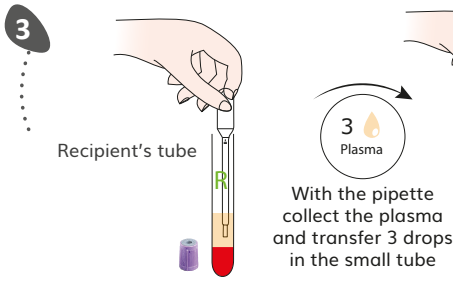
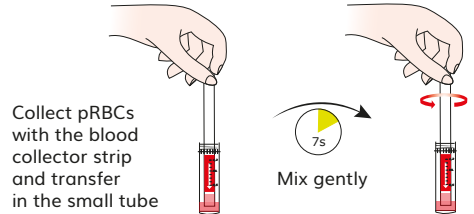
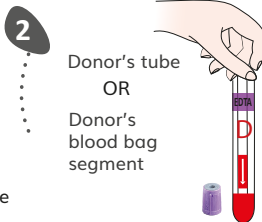
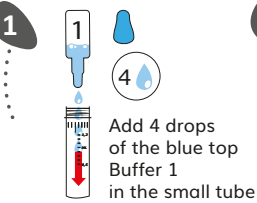
Recipient

Centrifuge blood tube (5 min at 1000g) in order to collect plasma (1) :

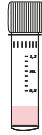


(1) or serum if using a dry tube

N°2 : PREPARATION OF MAJOR XM



N°3 : INCUBATION



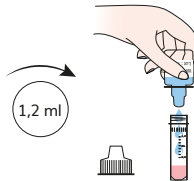
Incubate 10 minutes
at room temperature

N°4 : WASHING PROCEDURE

FIRST WASH

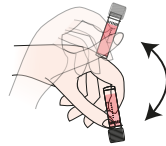
1

Fill the tube up to
1,2 ml of wash
buffer



2

Mix the suspension
3 times minimum



3

Centrifuge
2 min
at 1000g

Don't forget the balance tube
(not provided)



4

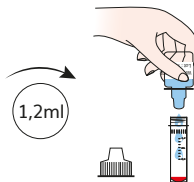
Discard the supernatant only :
the RBCs pellet must stay at the bottom



SECOND WASH

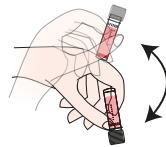
5

Fill the tube up to
1,2 ml of wash
buffer



6

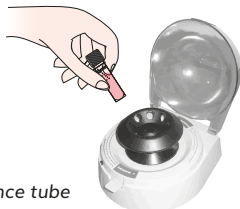
Resuspend completely
the pellet by mixing
the suspension
several times



7

Centrifuge
2 min
at 1000g

Don't forget the balance tube



8

Discard the supernatant only :
the RBCs pellet must stay at the bottom



THIRD WASH (PROCEDURE TO AVOID DILUTION BEFORE TESTING)

9 Fill the tube up to 1,2 ml of wash buffer

10 Resuspend completely the pellet by mixing the suspension several times

11 Centrifuge 2 min at 1000g
Don't forget the balance tube

12 Using a new pipette, discard the entire supernatant only
KEEP RBCs PELLETT

B Discard the residual supernatant until reaching few RBCs

C Discard the remaining supernatant with few RBCs
Discard pipette

D Washed RBCs pellet ready for XM test procedure
TO BE USED IMMEDIATELY

N°5 : XM TEST PROCEDURE

1 Write down the patients ID

2 Add 3 drops of the green top Buffer 2 in the well

3 Collect the RBCs pellet with the blood collector strip
About 10 µL

4 Dip the blood collector strip in the well and mix with buffer solution

5 Insert the membrane

6 WAIT UNTIL COMPLETE MIGRATION
5 to 10 min

7 Read the result

QuickTest XM

Result Interpretation



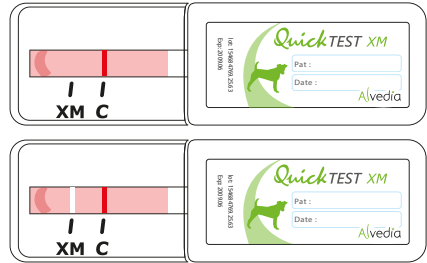
INCOMPATIBLE / DO NOT TRANSFUSE



Weak line = positive result



COMPATIBLE / SAFE TRANSFUSION

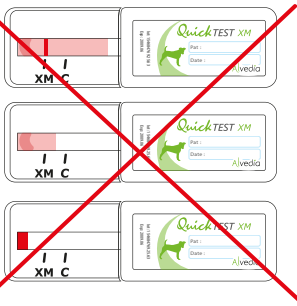


White line = negative result

C = Control Line

XM = Antiglobulin Test for detection of Canine CrossMatch

The XM test line will often be weaker than the control line.



In case of any other result, please take a picture and send us an email at : contact@alvedia.com
www.alvedia.com

PRODUCT UPDATE

The control line and the XM line have moved down to allow a faster result (washed red blood cells are visious and could slow down the migration).

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

Alvedia
Alice Veterinary Diagnostic