



# Lab.Test XM

25 min

Procedure for canine major crossmatch\*. CANINE ONLY

Material provided:



5 XM membranes



5 Clean test tubes (5ml)



5 Blood collector strips



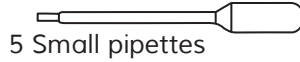
1 white top buffer (1)



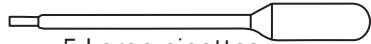
1 green top buffer (2)



1 Wash Buffer



5 Small pipettes



5 Large pipettes

Additional material needed: 1 centrifuge

\* For minor XM reverse the blood samples : Minor = Donor Serum / Plasma + Recipient RBC and perform the same procedure

## N°1: PREPARATION OF BLOOD SAMPLES

(MAJOR = Donor RBC + Recipient serum or plasma)

Recipient

Centrifuge blood tube in order to collect :

- EDTA
  - ACD
  - CPD
  - Plain tube
- Do not use Heparin



Serum or plasma

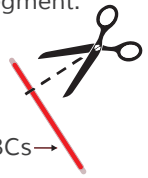
Centrifuge blood tube. Discard the serum or plasma to collect pRBCs.



pRBCs (packed Red Blood Cells)

Donor

Collect blood from blood bag segment.



pRBCs

OR

## N°2: XM TEST PROCEDURE

1



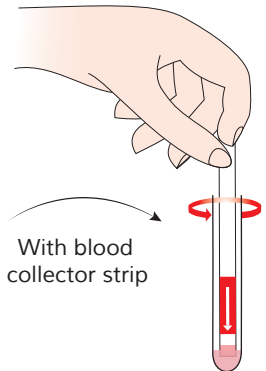
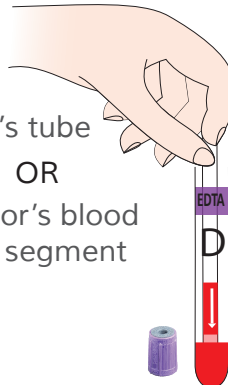
4

In the clean test tube



2

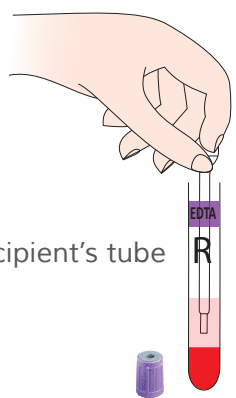
Donor's tube OR Donor's blood bag segment



With blood collector strip

3

Recipient's tube



With the small pipette

3

of serum or plasma in the test tube

4

Mix gently & incubate 10' at room temperature

10min

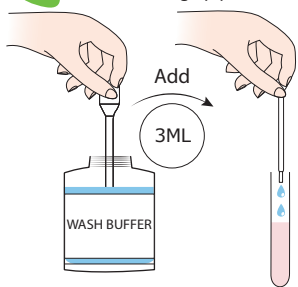


5

Suspension washing procedure

A

With the large pipette



Add 3ML

WASH BUFFER

B

Centrifuge

2 min 1000 g



Don't forget the balance tube

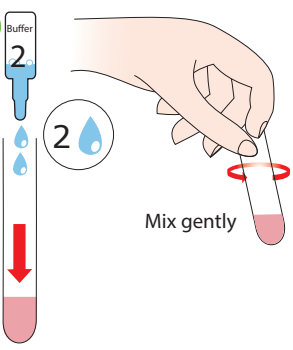
C

Discard the supernatant



Suspension washing procedure (x3) STEP 5 MUST BE DONE 3 TIMES

6

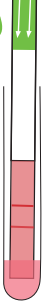


2

Mix gently

7

Insert the XM membrane.



WAIT UNTIL COMPLETE MIGRATION

Up to 5 min

8

Read the result

