QuickTest XM

Canine procedure for major crossmatch

Material provided :

1 XM Quick Test

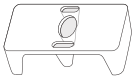
1 Blood collector strip

1 white top buffer 1

1 green top buffer 2

1 Wash Buffer

1 Clean test tube (1,5ml)



1 Empty well

1 large pipette

1 small pipette

N°1: PREPARATION OF BLOOD SAMPLES

(MAJOR = Donor RBC + Recipient serum or plasma)

Recipient

Centrifuge blood tube in order to collect :

Whole blood
- EDTA
- ACD
- CPD
- Plain tube

Do not use Heparin

Serum or plasma

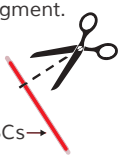
Donor

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

pRBCs (packed Red Blood Cells)

O R

Collect blood from blood bag segment.



pRBCs

N°2: INCUBATION AND WASHING PROCEDURE

1

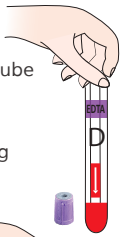
In the clean test tube

2

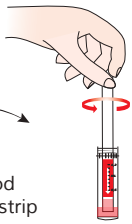
Donor's tube

OR

Donor's blood bag segment

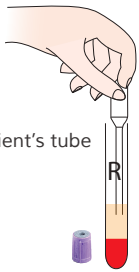


With blood collector strip

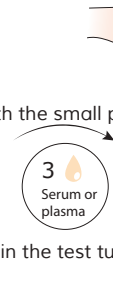


3

Recipient's tube



With the small pipette



in the test tube

4

Mix gently & incubate 10' at room temperature

5

A Fill the tube with the wash buffer

B Centrifuge

C Discard the supernatant

Don't forget the balance tube (not provided)

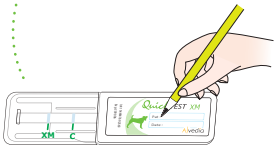
Suspension washing procedure

x3

STEP 5 MUST BE DONE 3 TIMES

N°3: XM TEST PROCEDURE

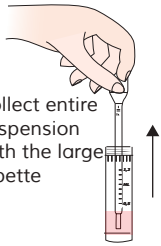
1



2

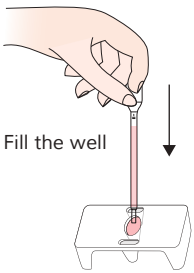
Mix gently

3



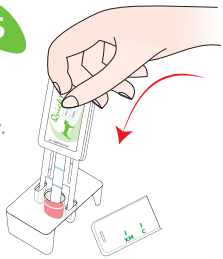
Collect entire suspension with the large pipette

4



Fill the well

5



6

WAIT UNTIL COMPLETE MIGRATION

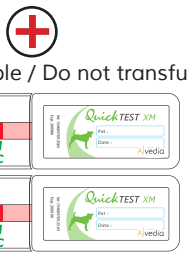
2 to 5 min

Read immediately after testing.

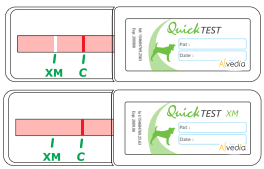
7

Result Interpretation

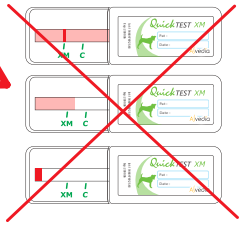
C = control



Incompatible / Do not transfuse



Compatible



Contact us to ask for the «Troubleshooting procedure»

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

Scientific Service Laboratory : www.alvedia.com - contact@alvedia.com