

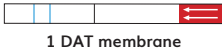


Easy QuickTest DAT

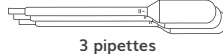


CANINE PROCEDURE FOR DIRECT ANTIGLOBULIN TEST

Material provided :



1 DAT membrane



3 pipettes



1 large tube (5 mL)



1 green top buffer



1 Wash Buffer



1 small tube 1,2 ml



1 Blood collector strip

Sample material : Patient packed red blood cells (pRBCs). Preferably drawn into EDTA.

Do not use Heparin.

Further material required : Centrifuge (Benchtop mini-centrifuge or others)

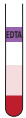
FOR RELIABLE RESULTS : USE FRESH COLLECTED BLOOD ONLY (< 12 HOURS)

N°1 : PACKED RED BLOOD CELLS (pRBCs) WASHING PROCEDURE

PREPARATION

1

Centrifuge blood tube to separate RBCs & plasma (5 min at 1000g)



2

Using a pipette
Discard plasma



Discard pipette

3

Using a **new pipette**
collect pRBCs and transfer 3 drops
in the 1,2 mL small tube



Discard pipette

FIRST WASH

4

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



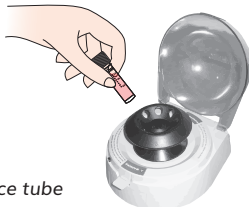
5

Mix the suspension
3 times minimum



6

Centrifuge
2 min
at 1000g



Don't forget the balance tube
(not provided)

7

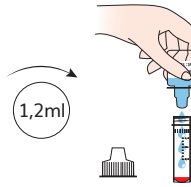
Discard the supernatant only :
the RBCs pellet must stay at the bottom



SECOND WASH

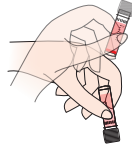
8

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



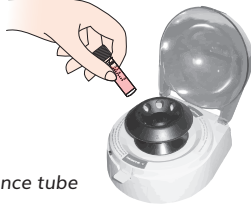
9

Resuspend completely the pellet by mixing the suspension several times



10

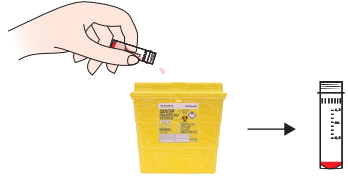
Centrifuge
2 min
at 1000g



Don't forget the balance tube

11

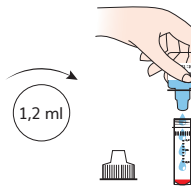
Discard the supernatant only : the RBCs pellet must stay at the bottom



THIRD WASH (PROCEDURE TO AVOID DILUTION BEFORE TESTING)

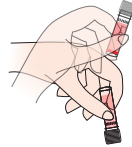
12

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



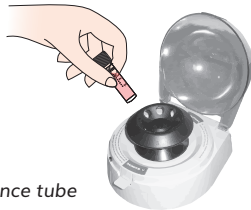
13

Resuspend completely the pellet by mixing the suspension several times



14

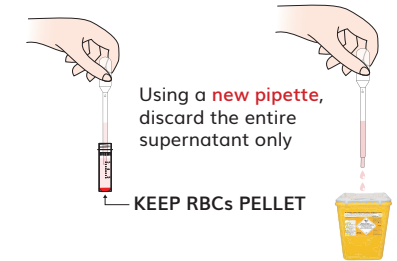
Centrifuge
2 min
at 1000g



Don't forget the balance tube

15

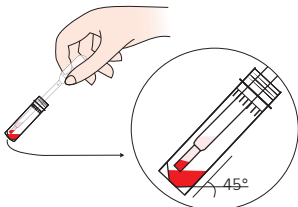
Using a **new pipette**, discard the entire supernatant only



KEEP RBCs PELLETT

Discard the residual supernatant until reaching few RBCs

B



Discard the remaining supernatant with few RBCs

C

Discard pipette



Washed RBCs pellet ready for DAT test procedure

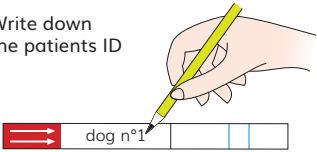
D



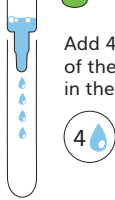
TO BE USED IMMEDIATELY

N°2 : DAT TEST PROCEDURE

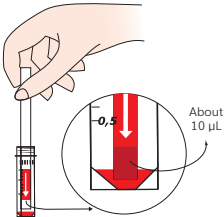
1 Write down the patients ID



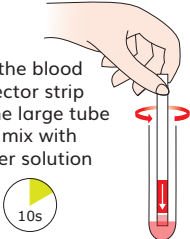
2 Add 4 drops of the green top buffer in the 5 mL large tube




3 Collect the RBCs pellet with the blood collector strip



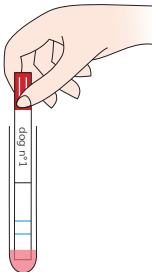
4 Dip the blood collector strip in the large tube and mix with buffer solution



Discard blood collector strip




5 Insert the DAT membrane

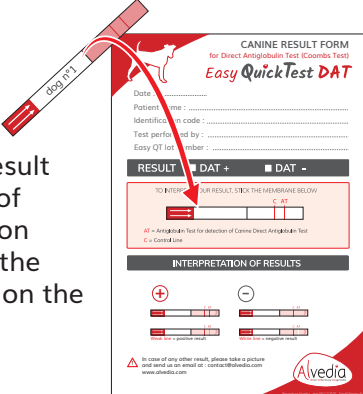


6 WAIT UNTIL COMPLETE MIGRATION

Up to 10 min



7 Read the result at the end of the migration by sticking the membrane on the result form



SCIENTIFIC ADVISES

Be careful, low titer and/or low affinity autoantibodies can be eluted during washing step procedures. This can affect the sensitivity of the DAT test. An hemolyzed sample or a blood sample drawn more than 12 hours could give you a negative result.

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

Alvedia
Alice Veterinary Diagnostic



CANINE RESULT FORM

for Direct Antiglobulin Test (Coombs Test)

Easy QuickTest DAT

Date :

Patient name :

Identification code :

Test performed by :

Easy QT lot number :

RESULT **DAT +** **DAT -**

TO INTERPRET YOUR RESULT, STICK THE MEMBRANE BELOW



AT = Antiglobulin Test for detection of Canine Direct Antiglobulin Test

C = Control Line

INTERPRETATION OF RESULTS



Weak line = positive result



White line = negative result



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

