

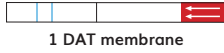


# Easy QuickTest DAT



## CANINE PROCEDURE FOR DIRECT ANTIGLOBULIN TEST

Material provided :



1 DAT membrane



1 buffer solution



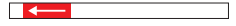
1 Wash Buffer



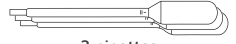
1 test tube (1,2 mL)



1 test tube (5 mL)



1 Blood collector strip



3 pipettes

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

**Do not use Heparin.**

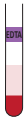
Further material required : Centrifuge (Benchtop mini-centrifuge or others)

**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



2 Using a pipette Discard plasma

Discard pipette

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



Discard pipette

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

1,2 ml

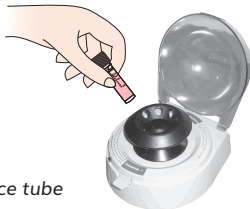


2 Mix the suspension 3 times minimum



3 Centrifuge 2 min at 1000g

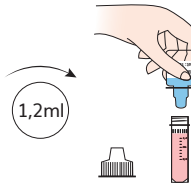
Don't forget the balance tube (not provided)



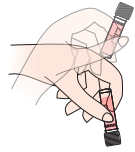
4 Discard the supernatant only : the RBCs pellet must stay at the bottom



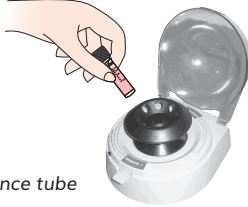
**5**  
Fill the tube up to 1,2 ml of wash buffer



**6**  
Resuspend completely the pellet by mixing the suspension several times



**7**  
Centrifuge  
2 min  
at 1000g



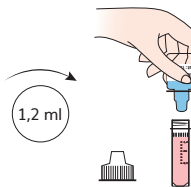
Don't forget the balance tube

**8**  
Discard the supernatant only : the RBCs pellet must stay at the bottom



**THIRD WASH (PROCEDURE TO AVOID DILUTION BEFORE TESTING)**

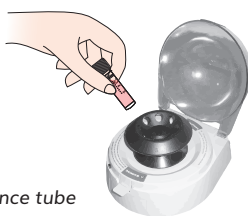
**9**  
Fill the tube up to 1,2 ml of wash buffer



**10**  
Resuspend completely the pellet by mixing the suspension several times

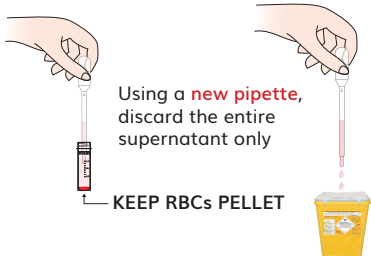


**11**  
Centrifuge  
2 min  
at 1000g

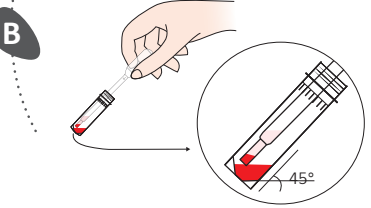


Don't forget the balance tube

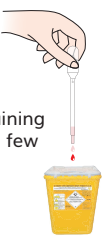
**12**  
Using a **new pipette**, discard the entire supernatant only  
**KEEP RBCs PELLETT**



Discard the residual supernatant until reaching few RBCs



**C**  
Discard the remaining supernatant with few RBCs  
Discard pipette



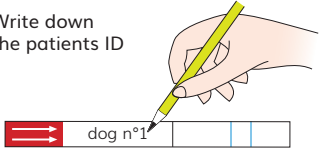
**D**  
Washed RBCs pellet ready for DAT test procedure

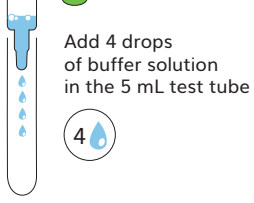


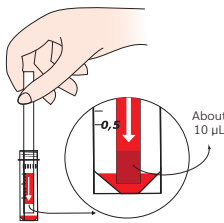
**TO BE USED IMMEDIATELY**

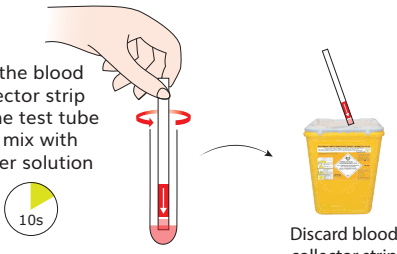
## N°2 : DAT TEST PROCEDURE

- 1** Write down the patients ID

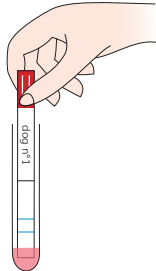

- 2** Add 4 drops of buffer solution in the 5 mL test tube


- 3** Collect the RBCs pellet with the blood collector strip

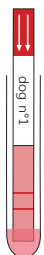

- 4** Dip the blood collector strip in the test tube and mix with buffer solution

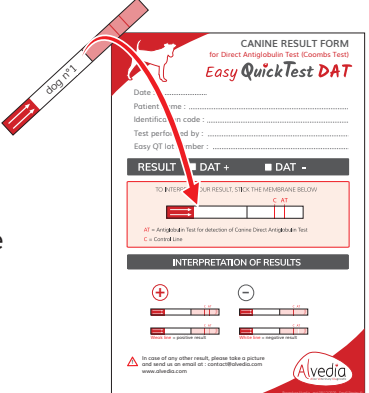


Discard blood collector strip
- 5** Insert the DAT membrane


- 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



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](mailto:contact@alvedia.com)  
[www.alvedia.com](http://www.alvedia.com)

