

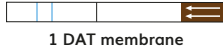


# Easy QuickTest DAT



## FELINE PROCEDURE FOR DIRECT ANTIGLOBULIN TEST

Material provided :



1 DAT membrane



1 green top buffer 2



1 Wash Buffer

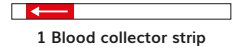


1 small tube

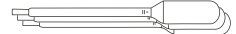
1,2 ml



1 large 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

- Centrifuge blood tube to separate RBCs & plasma (5 min at 1000g)
- Using a pipette Discard plasma
- Using a **new pipette** collect pRBCs and transfer 3 drops in the 1,2 mL small tube

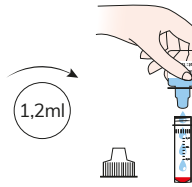
#### FIRST WASH

- Fill the small tube up to 1,2 ml of wash buffer
- Mix the suspension 3 times minimum
- Centrifuge 2 min at 1000g  
*Don't forget the balance tube (not provided)*
- Discard the supernatant only : the RBCs pellet must stay at the bottom

## SECOND WASH

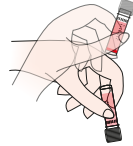
8

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



9

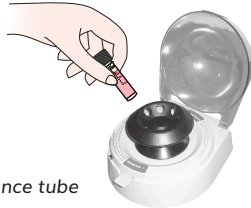
Resuspend completely the pellet by mixing the suspension several times



10

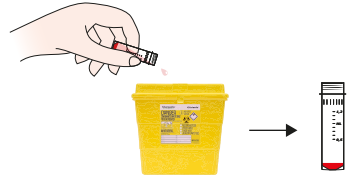
Centrifuge  
2 min  
at 1000g

Don't forget the balance tube



11

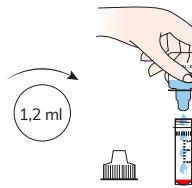
Discard the supernatant only : the RBCs pellet must stay at the bottom



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

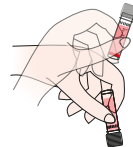
12

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



13

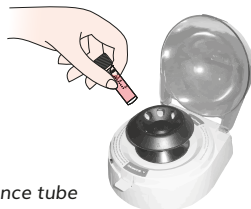
Resuspend completely the pellet by mixing the suspension several times



14

Centrifuge  
2 min  
at 1000g

Don't forget the balance tube

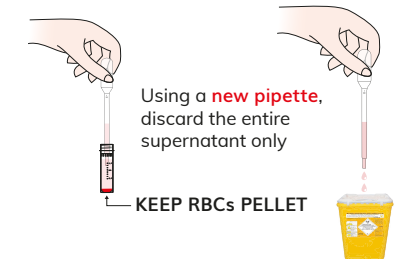


15

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

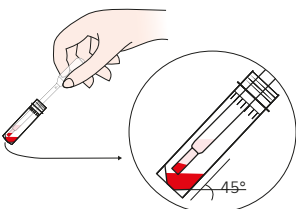
KEEP RBCs PELLET

A



Discard the residual supernatant until reaching few RBCs

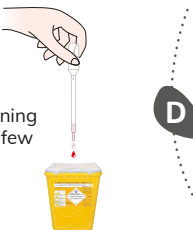
B



Discard the remaining supernatant with few RBCs

Discard pipette

C



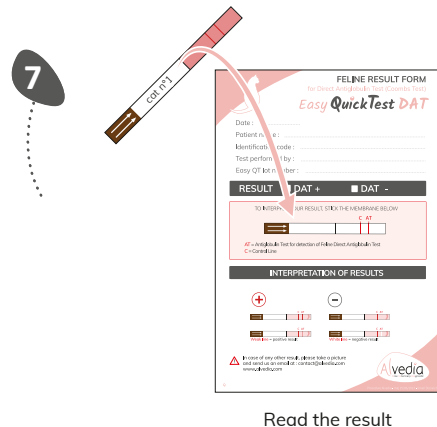
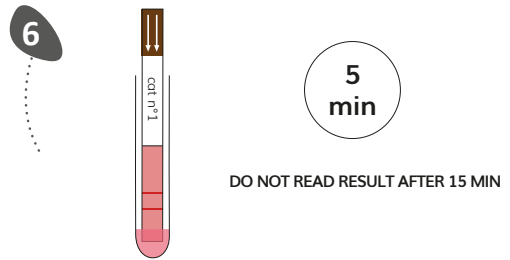
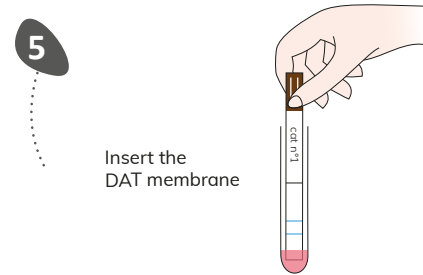
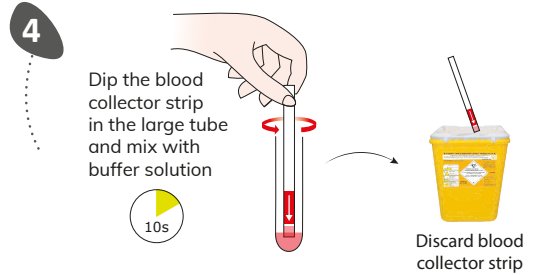
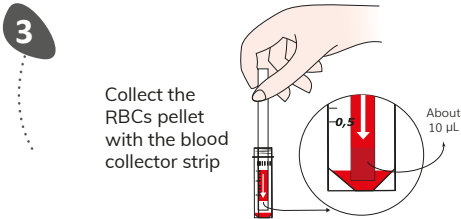
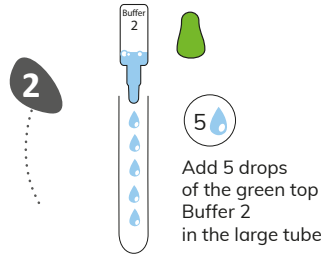
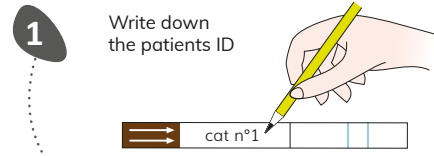
Washed RBCs pellet ready for DAT test procedure

**TO BE USED IMMEDIATELY**

D



## N°2 : DAT TEST PROCEDURE

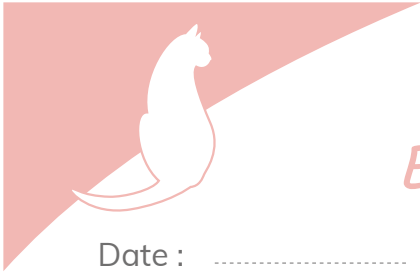


## SCIENTIFIC ADVISED

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



# FELINE 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 Feline 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)

