



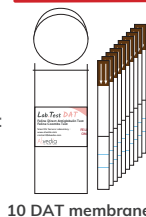
Lab Test DAT

Feline

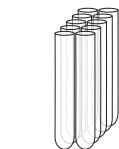


FELINE PROCEDURE FOR DIRECT ANTIGLOBULIN TEST

Material provided :



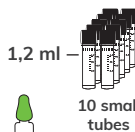
10 DAT membranes



10 large tubes (5mL)



1 Wash Buffer



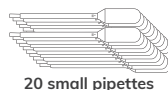
1,2 mL

10 small tubes

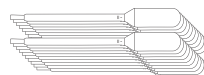
1 green top buffer



10 blood collector strips



20 small pipettes



20 large pipettes

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

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

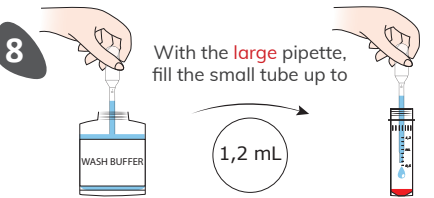
- 1** Centrifuge blood tube to separate RBCs & plasma (5 min at 1000g)
- 2** Using a **large** pipette Discard plasma
- 3** Using a **small** pipette collect pRBCs and transfer 3 drops in the 1,2 mL small tube

FIRST WASH

- 4** With a **new large** pipette, fill the small tube up to 1,2 mL
- 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

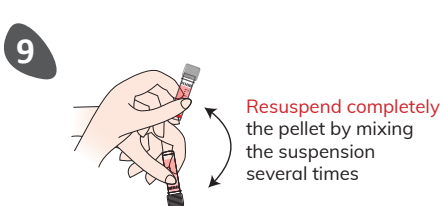
SECOND WASH

8 With the **large** pipette, fill the small tube up to 1,2 mL

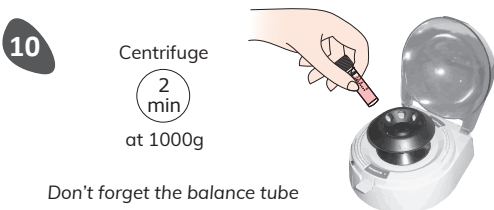


Keep the large pipette for 3rd wash.
To avoid contamination don't touch RBCs.

9 Resuspend completely the pellet by mixing the suspension several times

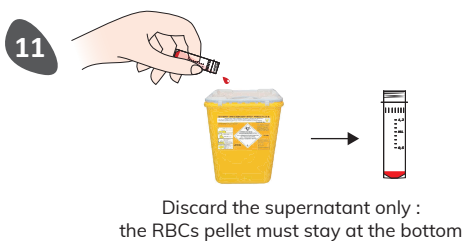


10 Centrifuge 2 min at 1000g



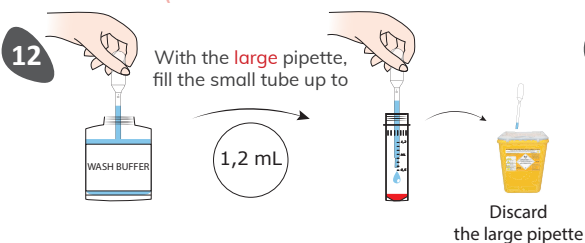
Don't forget the balance tube

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



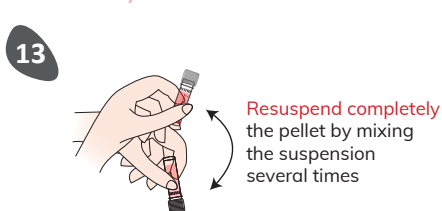
THIRD WASH (PROCEDURE TO AVOID DILUTION BEFORE TESTING)

12 With the **large** pipette, fill the small tube up to 1,2 mL

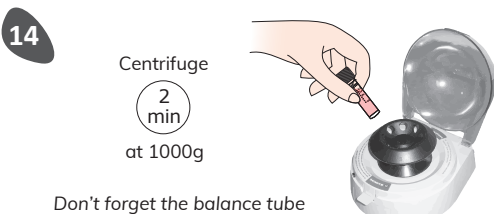


Discard the large pipette

13 Resuspend completely the pellet by mixing the suspension several times



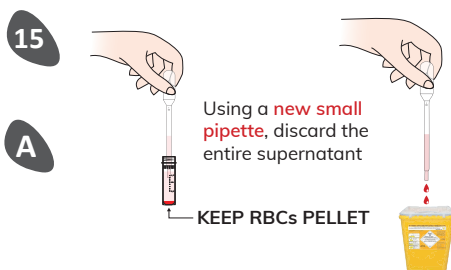
14 Centrifuge 2 min at 1000g



Don't forget the balance tube

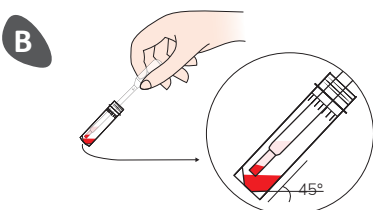
15 Using a **new small pipette**, discard the entire supernatant

A KEEP RBCs PELLET



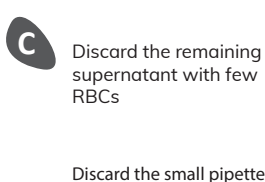
Discard the residual supernatant until reaching few RBCs

B



C Discard the remaining supernatant with few RBCs

Discard the small pipette



D Washed RBCs pellet ready for DAT test procedure

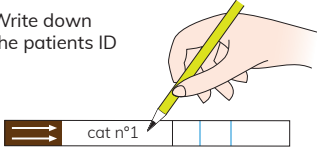
TO BE USED IMMEDIATELY



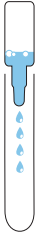
N°2 : DAT TEST PROCEDURE

1

Write down the patients ID



2

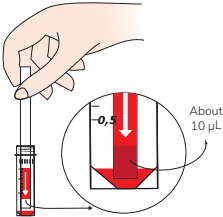


4

Add 4 drops of the green top buffer in the large tube

3

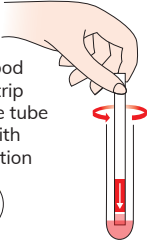
Collect the RBCs pellet with the blood collector strip



4

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

10s

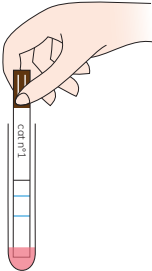




Discard blood collector strip

5

Insert the DAT membrane



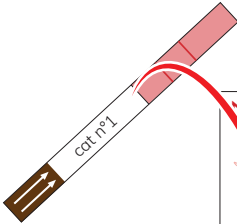
6

5 to 10 min

DO NOT READ RESULT AFTER 15 MIN



7



NEW FORM

RESULT FORM FELINE
for Direct Anti-globulin Test (Coombs Test)
Lab Test DAT
Feline

Date :
Name of donor :
Name/N° recipient :
Test performed by :
Lab Test lot number :

RESULT

☒ DAT + ☐ DAT -

TO INTERPRET YOUR RESULT, STICK THE MEMBRANE BELOW
Read immediately after testing.



⚠ Lines have been moved up

C = CONTROL LINE
AT = ANTIGLOBULIN TEST FOR DETECTION OF FELINE DIRECT ANTIGLOBULIN TEST

INTERPRETATION OF RESULTS

+



C AT

C AT

Weak line = positive result

-



C AT

C AT

White line = negative result

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

ALVEDIA

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March 2025 -
PRODUCT UPDATE
Lines have been
moved up

Read the result

3



Lab Test DAT

Feline

INTERPRETATION OF RESULTS



Weak line = positive result



White line = negative result

C = Control line

AT = Antiglobulin Test for detection of feline direct antiglobulin test



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

March 2025 - PRODUCT UPDATE

Lines have been moved up

SCIENTIFIC ADVISES

Be careful, low-titer and/or low-affinity autoantibodies can be eluted during washing steps and may therefore 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.

For higher sensitivity, use our Gel technology. Contact us for more information.

INFORMATION

Scientific support

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