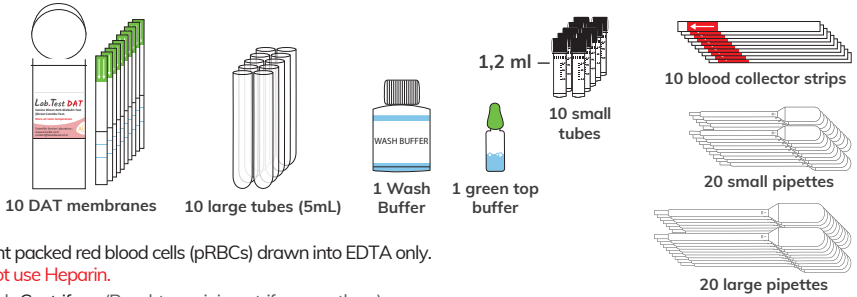


Lab Test DAT Canine

20 min

CANINE PROCEDURE FOR DIRECT ANTIGLOBULIN TEST

Material provided :



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 PROCEDUR

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

Discard pipette Discard pipette

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

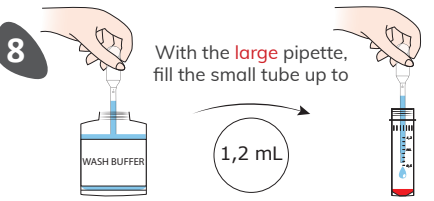
7 Discard the supernatant only : the RBCs pellet must stay at the bottom

Keep the large pipette for 2nd wash. To avoid contamination don't touch RBCs.

Don't forget the balance tube (not provided)

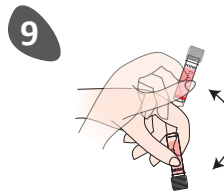
SECOND WASH

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



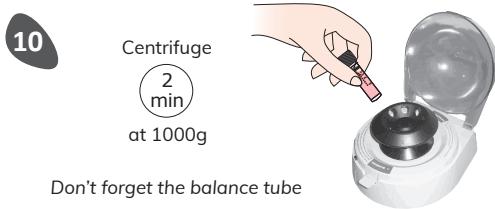
Keep the large pipette for 3rd wash.
To avoid contamination don't touch RBCs.

9



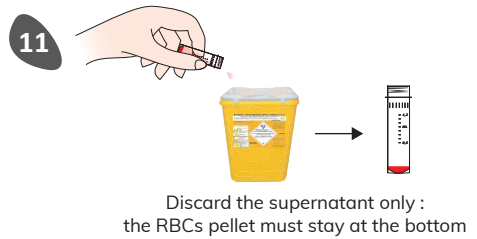
Resuspend completely the pellet by mixing the suspension several times

10 Centrifuge 2 min at 1000g



Don't forget the balance tube

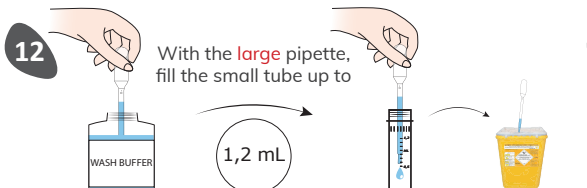
11



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

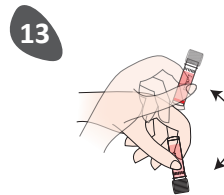
THIRD WASH (PROCEDURE TO AVOID DILUTION BEFORE TESTING)

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



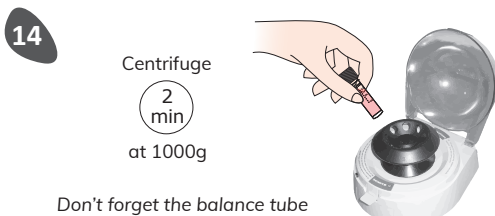
Discard the large pipette

13



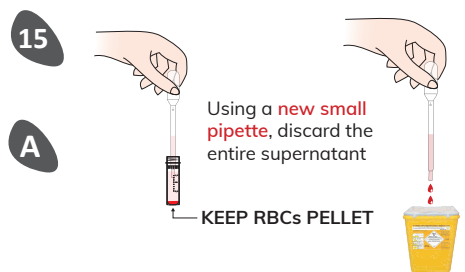
Resuspend completely the pellet by mixing the suspension several times

14 Centrifuge 2 min at 1000g



Don't forget the balance tube

15

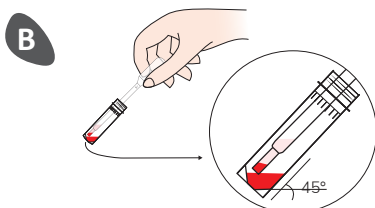


Using a **new small pipette**, discard the entire supernatant

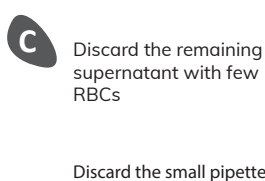
KEEP RBCs PELLETT

Discard the residual supernatant until reaching few RBCs

B

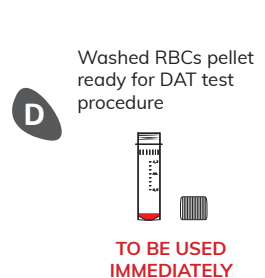


C Discard the remaining supernatant with few RBCs



Discard the small pipette

D



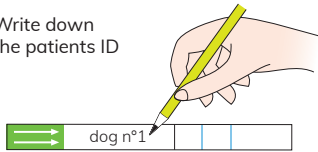
Washed RBCs pellet ready for DAT test procedure

TO BE USED IMMEDIATELY

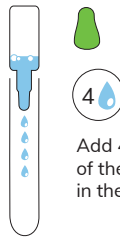
N°2 : DAT TEST PROCEDURE

1

Write down the patients ID



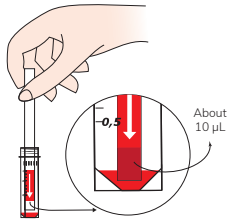
2



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

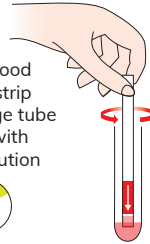
3

Collect the RBCs pellet with the blood collector strip



4

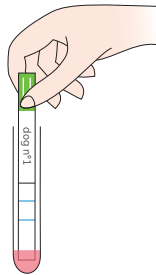
Dip the blood collector strip in the large tube and mix with buffer solution



Discard blood collector strip

5

Insert the DAT membrane



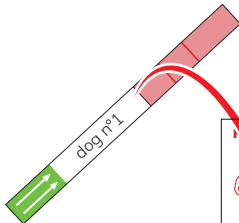
6

5 to 10 min

DO NOT READ RESULT AFTER 15 MIN



7



NEW FORM

RESULT FORM CANINE
for Direct Anti-globulin Test (Coombs Test)

Lab.Test DAT
Canine

Date:
Name/N° of donor:
Name/N° of 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 = ANTI-GLOBULIN TEST FOR DETECTION OF CANINE DIRECT ANTIGLOBULIN TEST

INTERPRETATION OF RESULTS

+ **-**
Weak line = positive result White line = negative result

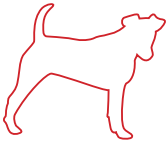
In case of any other result, please take a picture and send us an email at: contact@alvedia.com www.alvedia.com

ALVEDIA
Small Stripes®
Form Alvedia - mg 2802/2025 - Small Stripes®

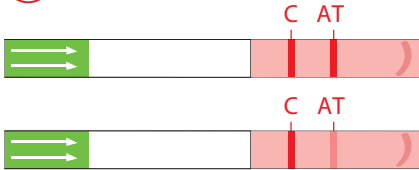
March 2025 -
PRODUCT UPDATE
Lines have been
moved up

3

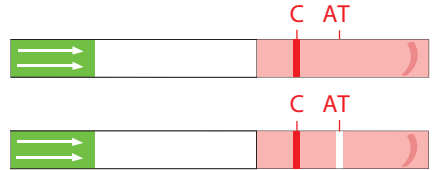
Read the result



INTERPRETATION OF RESULTS



Weak line = positive result



White line = negative result

C = Control line

AT = Antiglobulin Test for detection of canine direct antiglobulin test



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

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