

# QUICK TEST RESULTS

The dog is DEA1.1 +



Presence of red line in front of "DEA1.1" arrow indicates a **positive reaction**.

The dog is DEA1.1 -



Absence of red line in front of "DEA1.1" arrow indicates a **negative reaction**.

The cat is A group



Presence of red line in front of "A" arrow indicates a **positive reaction for A group** and a negative for B group.

The cat is B group



Presence of red line in front of "B" arrow indicates a **positive reaction for B group** and a negative for A group.

The cat is AB group



Presence of 2 red lines in front of "A" and "B" arrow indicates a **positive reaction for both A and B group**.

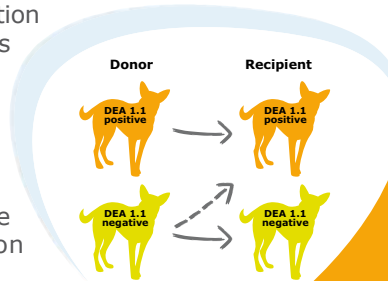
## VERY IMPORTANT FOR ALL QUICK TEST :

The control must always show a positive reaction in front of the "C" arrow, ensuring the test has run successfully.

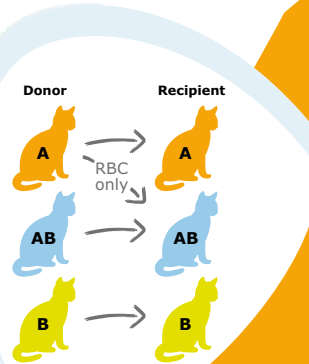
If not the test must be repeted.

# BLOOD GROUP COMPATIBILITY

In **dogs**, the determination of DEA 1.1 antigen is strongly recommended before any blood transfusion to avoid a potent alloantibody response against this antigen and to avoid acute haemolytic transfusion reaction.



In **cats**, the presence of naturally occurring alloantibodies in type A and in type B cats requires that blood typing be performed prior to blood transfusion to avoid acute haemolytic transfusion reaction, and in breedings to prevent neonatal isoerythrolysis.



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# INSTRUCTIONS FOR THE QUICK TEST PROCEDURE



**Alvedia**  
Alice Veterinary Diagnostic

# QUICK TEST MATERIAL

## Individual test package contains:

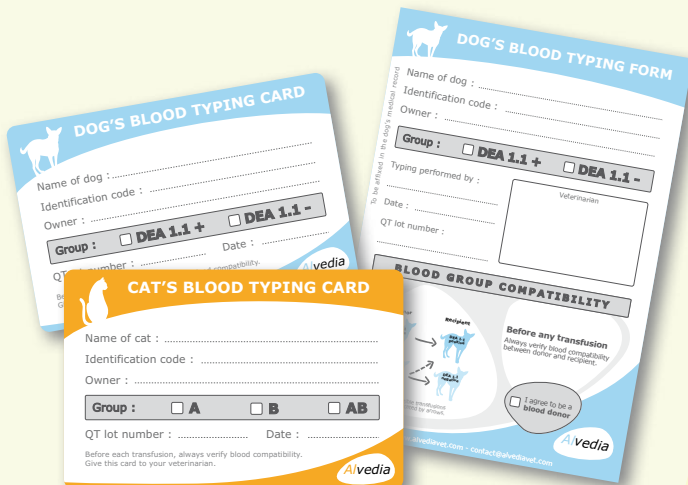
- 1 plastic device with membrane dipstick and 2 empty wells (only 1 well is required to run the test)
- 1 dropper vial of buffer "vet 1" for the dog and "vet 2" for the cat
- 1 blood collector strip (equivalent of 10 µl)
- 1 schematic test manual
- 1 well cover



Same material provided with both Quick Test DEA1.1 and A+B.

## Alvedia's gift:

- 1 blood typing card to give to the pet's owner
- 1 blood typing form which will be affixed in the pet's medical record



# QUICK TEST PROCEDURE



Sample material : EDTA, whole blood, CPD-A, ACD-B, ACD-A, heparin or umbilical cord blood.

For reliable results, use of freshly collected blood is indicated.

Step 1



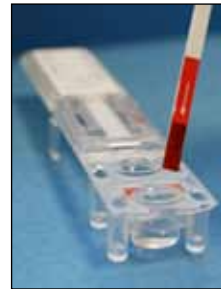
Open the dropper vial of buffer, add 3 drops of buffer to the well circled in red (equivalent of 100 µl).

Step 2



Take the blood collector strip and dip it into the blood tube (direction is indicated by an arrow on the strip) so that the absorbent end is impregnated with blood (a few seconds).

Step 3



Dip the impregnated end of the collector strip into the well with the buffer (circled in red) and mix gently.

Step 4



During the mixing, the absorbent end will remain red while the buffer solution also becomes red. After use, discard the collector strip into a suitable waste container.

Step 5



Hold the device with the wells between thumb and forefingers. With the other hand pull out the membrane holder (having the label).

Step 6



Insert the legs of the membrane holder into the holes beside the well, so that the membrane end reaches the bottom of the well containing the diluted blood.

Step 7



Allow to stand until the blood suspension is soaked up by the membrane and the control line (noted "C" on the device) becomes clearly visible.

Step 8



Click back the membrane holder into the plastic piece with the wells.

Step 9



Close the well with the well cover.

Step 10



Break the plastic piece with the wells, then the legs.

Step 11



You can read the results and store away the flat membrane holder.