

## Feline Blood Typing Rapid Test (F-BT A+B)

### Detection and Intended Use

Blood transfusion therapy is the best treatment for anemia caused by various reasons, and blood type is the primary factor to consider in transfusions. Mismatched blood types between the donor and the recipient can trigger a transfusion reaction, which, in severe cases, may lead to death. Additionally, if a newborn kitten's blood type does not match that of its mother, the kitten may absorb antibodies from the colostrum, causing hemolytic anemia, which could also be fatal.

Cats naturally possess antibodies against different blood types. Type A cats have low titers of anti-B antibodies, most of which are IgG. Type B cats, on the other hand, have high titers of anti-A IgM antibodies. AB-type cats are immunotolerant to both antigens and therefore do not have any antibodies in their system. F-BT(A+B) is intended for use to classify cats as blood group Type A, Type B or Type AB.

### Reagent and Materials Provided

- Test devices
- Sampling pipe
- Buffer tube
- Package insert
- Timer (Materials Required but not Provided)

### Storage and Stability

The test device is sealed and should be stored away from light at a room temperature (4-30 °C). Do not freeze.

The test device should be used before the expiration date marked on the package label.

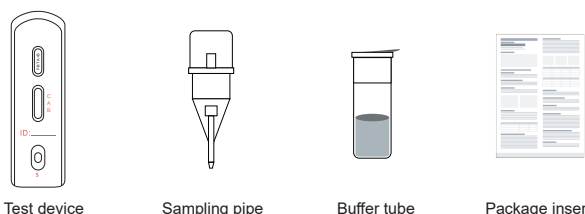
### Warnings, Precautions and Safety Information

1. The test device is used for feline only.
2. The results may be influenced by humidity and temperature.
3. Make sure that the foil pouch containing the test is not damaged before open. Perform the test immediately when the pouch package is opened.
4. Do not reuse the test components.
5. Do not use after the expiry date.
6. Do not mix product components in different lot numbers.
7. As all samples are potentially infectious. Operators should wear protective gloves while handling samples and wash hands thoroughly afterwards.
8. Decontaminate and dispose of all samples, used kits and potentially contaminated materials safely in accordance with national and local regulations.

### Specimen Collection, Handling, and Transport

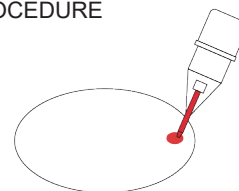
1. This product is applicable for fresh whole blood/anticoagulated venous whole blood.
2. Whole blood: Collect the whole blood. If whole blood samples are not immediately tested, they should be refrigerated at 2-8°C and used within 24 hours and not be frozen.
3. Hemolyzed or contaminated samples may lead to erroneous results.

### STEP 1 CHECK THE KIT CONTENTS BEFORE USE

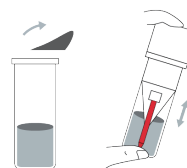


Check the product components and ensure that the operation is carried out at room temperature (15-30°C).

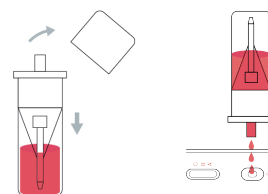
### STEP 2 TEST PROCEDURE



Use a sampling pipe to draw some whole blood specimens (approximately 10 µL) through the capillary effect. If the hematocrit is below 20%, it is recommended to use a pipette to add an additional 10 µL of whole blood sample to the buffer.



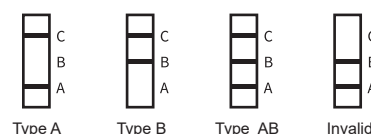
Peel off aluminum foil seal from the top of the extraction tube containing the extraction buffer, insert sampling end into pipe and cover tightly, mixed completely.



Holding the sampling pipe upright, carefully take off the cap of sampling pipe, transfer 2-3 drops to the specimen well (S) of the test device. If the test does not run, you may add one more drop.

### STEP 3 INTERPRETATION OF TEST RESULT

After 10 minutes, interpret the results. Results after 15 minutes are invalid.



Type A : If the C line and the A line show color while the B line does not show color, then the blood type is determined to be "Type A".

Type B : If the C line and the B line show color while the A line does not show color, then the blood type is determined to be "Type B".

Type AB : If the line C,B,A show color all together, then the blood type is determined to be "Type AB".

Invalid : No colored line appears in C region.

LOT	batch code	use by
manufacturer		contains sufficient for <n> tests
IVD	in vitro diagnostic medical device	temperature limitation
do not reuse		consult instructions for use