

## TEST KIT COMPONENTS

### 1 FASTest® FIV Test Kit contains

- 10/25 Test cassettes
- 1 Buffer dropper bottle containing 3.0 or 7.5ml Buffer Diluent
- Disposable plastic 20µl dropper pipettes
- Instructions for use

## STORAGE & SHELF LIFE

- **STORE AT ROOM TEMPERATURE (+15°C to +25°C)**
- Stored correctly the kit components can be kept up to the labelled expiry date.
- Avoid components being subject to excess heat or freezing.

## SAMPLES

- Serum, plasma or whole blood in anticoagulant (Heparin, EDTA, Citrate) taken with syringe or evacuated tube at +15°C to +25°C. **DO NOT ALLOW BLOOD TO DRIP INTO ANTICOAGULANT TUBE FROM A NEEDLE.**
- **Never use whole blood without anticoagulant (straight from the cat).**

## PRECAUTIONS

1. Do not test cats that are less than 12 weeks old, as maternal antibody transfer and/or the possibility of an incubation phase may give false results.
2. Ensure correct sample is used (see above).
3. Do not remove any test components from their individually sealed pouches until immediately before their use.
4. **It is important to use only the pipettes supplied with the kit.**
5. Always read at 10 minutes from adding last drop of buffer.
6. **DO NOT use test kit components from different kits, lot numbers or beyond the stated expiration date; it can affect the result.**  
**DO NOT USE BUFFER WITH DIFFERENT LOT NO. TO CASSETTE.**

## INTERPRETATION OF RESULTS

1. **All positive results for FIV should be confirmed using a different method (e.g. ELISA/IFA/Westernblot).**
2. In cases of unexpected positive results, or where a result is difficult to define, please contact our Diagnostics Help Line on 01798 874871.

**SHOULD YOU HAVE ANY QUERIES OR REQUIRE FURTHER TECHNICAL INFORMATION,  
PLEASE CALL OUR DIAGNOSTICS HELP LINE  
ON 01798 874871**



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# FASTest® FIV

FOR VETERINARY USE ONLY

Manufactured by MegaCor Diagnostik GmbH  
and Distributed exclusively in the UK by  
Vetlab Supplies Ltd.

## INSTRUCTIONS FOR USE

### INTRODUCTION

Feline Immunodeficiency Virus (FIV) is found world-wide in cats. Depending on their age, health, environment, and lifestyle the prevalence of infection can vary greatly. FIV-Antibody detection is accepted as the method of first choice for the diagnosis of FIV infection. Approximately 95% of FIV infected cats show high FIV-Antibody concentration in their blood approx. 4 weeks post infection. Based on synthetic FIV-Proteins FASTest® FIV is an important diagnostic tool for the detection of infected cats.

### TEST PRINCIPLE

FASTest® FIV is based on a rapid immunochromatographic technique. FIV-Antibodies in the sample will form specific antigen-antibody complexes in the sample area. Lateral flow (migration) towards the FIV areas (marked 'T' on the slide) allows these complexes to bind with gold particles labelled with synthetic FIV-Proteins to form a pink-purple Test line. A correct test procedure will be indicated by a second pink-purple line in the Control area (marked 'C' on the slide).

### PERFORMANCE

An independent study (Hartmann et al. 2007) tested FASTest® FIV on 528 sera for FIV.

Results	FIV
Sensitivity	<b>96%</b>
Specificity	<b>99%</b>

**Please turn over for Test Procedure**

# FASTest® FIV Test Procedure

For each test you will need 1 Test cassette, 1 disposable pipette, 1 dropper bottle of buffer diluent.

## 1 Add the Sample



Open foil pouch, remove cassette and label with cat I.D. Ensure cassette is flat on bench and sample well (oval well) is on right hand side. Remove one pipette from the bag.

Hold pipette vertically over opened sample tube. Squeeze sides of pipette and immerse tip below surface of sample. Now release pressure until sample is drawn **up to the black line** near the tip. Lift the pipette out of the sample and hold vertically with the tip approx. 5mm above the well. Now squeeze pipette to transfer all of the sample to the sample well.

### NB:

If the drop of blood falls onto the side of the sample well and remains there, tap the slide gently from side to side to dislodge the drop and it will be drawn down into the well.

## 2 Add the Buffer Diluent



Holding dropper bottle of buffer vertically, dispense 2 drops of buffer into the sample well.

## 3 Reading and Interpretation of Result



FIV positive



FIV negative

**Read at 10 minutes** from adding last drop of buffer.

### • POSITIVE RESULTS

A pink-purple line will appear in the Control zone (marked 'C' at the top of the test window) and a pink-purple line in the Test zone (marked 'T' at the top of the test window). The intensity of colour of control and test lines is of no significance.

### • NEGATIVE RESULTS

A pink-purple line will appear in the 'C' zone only. The intensity of colour is of no significance.

### • INCONCLUSIVE RESULTS

**1. Migration is not complete.** Add 1 extra drop of buffer and incubate a further 10 mins. If still no result and whole blood used, centrifuge blood and retest with serum/plasma.

**2. Very faint lines. See below.**

**ANY QUERIES? Please telephone our Help Line 01798 874871 or send the sample to Vetlab Supplies with full clinical history for further investigation.**

We will perform other tests and, if necessary, confirm results by sending to an external reference laboratory free of charge.