

TEST KIT COMPONENTS

1 FASTest® FeLV-FIV Test Kit contains

- 6/15/50 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. Previous FeLV vaccination does not affect the test.
3. Ensure correct sample is used (see above).
4. Do not remove any test components from their individually sealed pouches until immediately before their use.
5. **It is important to use only the pipettes supplied with the kit.**
6. Always read at 10 minutes from adding last drop of buffer.
7. **DO NOT use test kit components from different kits, lot numbers or beyond the stated expiration date; this can affect the result.**
DO NOT USE BUFFER WITH DIFFERENT LOT NO. TO CASSETTE.

INTERPRETATION OF RESULTS

1. **All positive results for FeLV and FIV should be confirmed using a different method (e.g. IFA for FIV, ELISA/Virus Isolation for FeLV).**
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



Specialists in Veterinary
Laboratory Supplies

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FASTest® FeLV-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 Leukaemia Virus (FeLV) and Feline Immunodeficiency Virus (FIV) are associated with similar clinical signs in infected cats due to their immunosuppressive effects. Both FeLV-Antigen and FIV-Antibody detection are accepted as the methods of first choice for the diagnosis of infection. FeLV infected viraemic cats normally show high concentrations of extracellular (free) FeLV-Antigen in their blood 3 weeks post-infection. Approximately 95% of FIV infected cats show high FIV-Antibody concentration in their blood approx. 4 weeks post infection. Based on highly specific monoclonal FeLV-Antibodies and synthetic FIV-Proteins FASTest® FeLV-FIV is an important diagnostic tool for the detection of infected cats.

TEST PRINCIPLE

FASTest® FeLV-FIV is based on a rapid immunochromatographic technique. Extracellular FeLV-Antigens and/or FIV-Antibodies in the sample will form specific antigen-antibody complexes in the sample area. Lateral flow (migration) towards the FeLV and FIV Test areas (marked 'T' on the slide) allows these complexes to bind with gold particles labelled with monoclonal FeLV antibodies and 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® FeLV-FIV on 528 sera for FeLV and 535 sera for FIV

Results	FeLV	FIV
Sensitivity	95%	96%
Specificity	99%	99%

Please turn over for Test Procedure

FASTest[®] FeLV-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



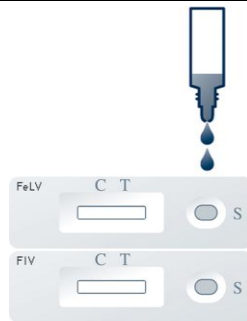
Open foil pouch, remove cassette and label with cat I.D. Ensure cassette is flat on bench and sample wells (oval wells) are on right hand side. Remove one pipette from the bag.

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 FeLV well. Repeat procedure for FIV well.

NB:

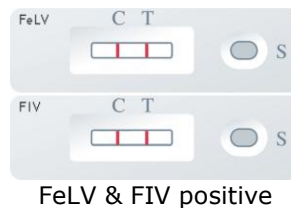
If the drop of blood falls onto the side of the sample well and remains there, tap the slide gently from side to side to dislodge the drop and it will be drawn down into the well.

2 Add the Buffer Diluent

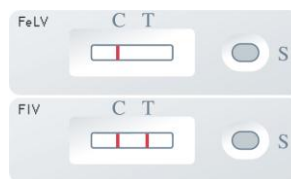


Holding dropper bottle of buffer vertically, dispense 2 drops of buffer into each sample well.

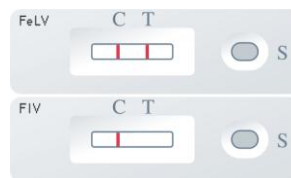
3 Reading and Interpretation of Results



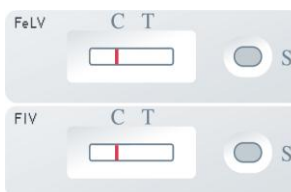
FeLV & FIV positive



FeLV negative, FIV positive



FeLV positive, FIV negative



FeLV & 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. **It is common for a positive line to be fainter than the control line.**

• 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.