

TEST KIT COMPONENTS

1 **FASTest[®] CRYPTO Strip Test Kit** contains

- 5 or 10 Test Strips
- 5 or 10 Sample Tubes with 2.0ml buffer diluent
- Instructions for use

STORAGE & SHELF LIFE

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

SAMPLES

- Only faeces can be examined using the **FASTest[®] CRYPTO Strip**.
- **Samples can be stored for up to 2 days at +2°C to +8°C.** For a longer storage period the faecal suspension can be stored at -20°C.
- The faeces sample must be mixed well (with a spatula) before taking the spoon sample. Care must be taken not to contaminate the sample with constituents like grass, mucous membrane or extremely bloody faeces to avoid 'non-specific reactions' causing migration interference.
- Incorrect sample volume could lead to brownish staining of the test and/or CONTROL line or a flowback of C-line materials into the sample buffer fluid (no or weak appearance of the CONTROL line). The test must be repeated using correct sample volume.

PRECAUTIONS

- For veterinary diagnostic use only.
- **All sample material must be seen as potentially infectious for animals and humans.**
- Do not use test kit components from different kits, lot numbers or beyond the stated expiration date.
- Please follow the instructions precisely.

ACCURACY

Sensitivity	96.7%
Specificity	99.9%
Comparison Method	Carbol Fuchsin Micro

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



FASTest[®] CRYPTO Strip

FOR VETERINARY USE ONLY

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

INSTRUCTIONS FOR USE

INTRODUCTION

Cryptosporidiosis (*Cryptosporidium parvum*) is one of the most important infectious diseases causing diarrhoea in many animals including dogs, cats and hedgehogs as well as humans.

In calves, *C. parvum* can act together with Rotavirus, Coronavirus and enterotoxigenic *E.coli* to cause Neonatal Diarrhoea (ND). Clinical signs vary with age and immune status of animal. Infected calves under 4 weeks of age can have severe diarrhoea with high mortality. After 4 weeks of age, infected calves usually show mild, self-limiting or chronic diarrhoea.

FASTest[®] CRYPTO Strip is a valuable on-site tool for the diagnosis and treatment of Cryptosporidiosis in a wide range of animals.

TEST PRINCIPLE

The **FASTest[®] CRYPTO Strip** contains two unique monoclonal antibodies. Positive faeces samples contain *C. parvum* surface antigens (SA) as well as all of its vegetative cycle forms. These antigens will react in the conjugate pad area with mobile monoclonal Anti-*C. parvum*-antibodies (Anti-C.p.-mAb) which are bound to red latex particles. Migrating along the nitrocellulose membrane these specific antigen-antibody-complexes are bound from fixed Anti-C.p.-mAb at the Test zone producing a more or less red Test line. These Anti-C.p.-mAb guarantee a high level of specificity for the aetiological detection of *C. parvum*. The correct test procedure is provided by the occurrence of an intense blue Control line at the Control zone. The intensity/width of the test line depends on the concentration of *C. parvum* surface antigens in the test sample volume. The **FASTest[®] CRYPTO Strip** does not depend on the presence of intact *C. parvum* oocysts/vegetative cycle forms.

Please turn over for Test Procedure

FASTest® CRYPTO Strip Test Procedure

For each test you will need 1 Test Strip, 1 Sample Tube with buffer diluent and spoon.

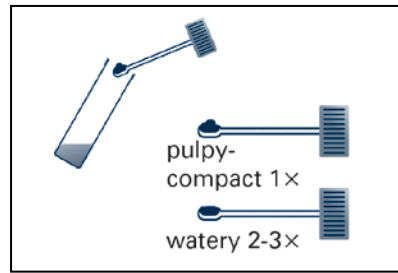
1. Specimen Collection and Dilution

- Mix the faeces sample well with a spatula.
- Open the sample tube and take out the sample spoon, provided with the kit.
- Take a small portion of faeces with the spoon (as described below) and place it in the sample tube.

Pulpy-compact faeces: 1 level spoon
Watery faeces: 2 – max. 3 spoons

Please be careful not to take too much faeces as this may cause lack of migration on the test strip.

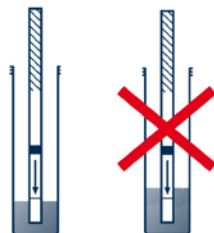
- Screw on the cap tightly to avoid leakage.
- Shake the tube until the sample has been homogenised into the buffer diluent.
- Leave the sample tube until the large particles have settled to the bottom of the tube (1-5 mins).



2. Test Procedure

- Remove the strip from its pouch by tearing along the split.
- Label the strip with a patient name or ID number.
- Introduce the strip vertically with the white arrows pointing downwards into the sample tube with the faecal suspension.
- Leave to stand upright and incubate for **5 minutes** at room temperature.

NB: DO NOT TOUCH THE WHITE CENTRAL REACTIVE AREA OF THE STRIP OR ALLOW IT TO COME INTO CONTACT WITH THE FAECAL SUSPENSION.



- Remove the strip from the sample tube, drain off any excess solution on the inside of the tube and read immediately.

3. Reading of Test Results

The strip must be read after **exactly 5 mins.** incubation in the faecal suspension.



POSITIVE RESULT

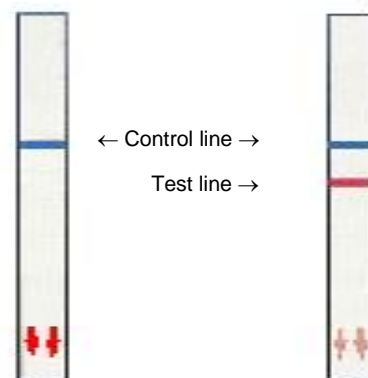
In addition to the **blue line** in the **Control zone**, a clearly visible **red line** also appears in the **Test zone**. The faeces sample contains *C. parvum* surface antigens.

NEGATIVE RESULT

Only the **blue line** appears in the **Control zone**. No visible line is seen in the Test zone. The faeces sample does not contain *C. parvum* surface antigens.

FAILED TEST

If there are no lines visible after 10 mins. in the Test zone and the Control zone of the strip, the test should be repeated using a new strip.



1 blue coloured line only = **NEGATIVE**

1 red coloured line + 1 blue coloured line = **POSITIVE**

ANY PROBLEMS? Please ring 01798 874871