

## TEST KIT COMPONENTS

### 1 **FASTest® PARVO Card Test Kit** contains

- 5 or 15 Test Cassettes
- 5 or 15 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 used up to expiry date.
- Avoid the Test kit components being subjected to excessive heat or freezing.

## SAMPLES

- Only faeces can be examined using the **FASTest® PARVO Card** test kit.
- **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 spiral stick sample. Care must be taken not to contaminate the sample with constituents like grass, mucous membrane or extremely bloody to avoid non-specific reactions and migration interference.

## PRECAUTIONS

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

## ACCURACY

<b>Sensitivity</b>	<b>96.7%</b>
<b>Specificity</b>	<b>99.9%</b>
<b>Comparison Method</b>	<b>E.M., ELISA</b>

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



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# FASTest® PARVO Card

FOR VETERINARY USE ONLY

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

## INSTRUCTIONS FOR USE

### INTRODUCTION

Canine Parvovirus (C.P.V.) was first identified as a cause of diarrhoea in dogs in 1978. This virus was initially discovered in North America and rapidly spread throughout the world. Canine Parvovirus, the panleucopenia virus in cats and the enteritis virus in the mink have similar structures.

Puppies are oronasally infected at an early age. The viruses are discharged via the faeces by the infected animals and remain infectious within the environment for up to one year. Dog kennels can be permanently contaminated. The symptoms of enteritis are displayed through chronic diarrhoea, vomiting, aphagia, dehydration and panleucopenia. Faeces samples are suitable for identifying parvovirus-specific antigens. The precise diagnosis of a C.P.V. infection enables the veterinarian to apply immediate treatment and to introduce quarantine measures for infected animals.

**FASTest® PARVO Card** can be used on faeces from dog, cat and mink.

### TEST PRINCIPLE

**FASTest® PARVO Card** contains two different monoclonal antibodies. The mobile monoclonal antibodies bound to colloidal gold particles are located in the conjugate pad, the second is immobile located on the test line. If the faeces sample contains parvovirus antigens, these will be caught by the mobile antibodies forming antigen-antibody-complexes. Migrating laterally across the membrane these complexes will form a pink-purple test line in the Test zone. Unbound complexes migrate further on to the Control zone where they are bound by the immobile monoclonal antibodies forming a pink-purple control line.

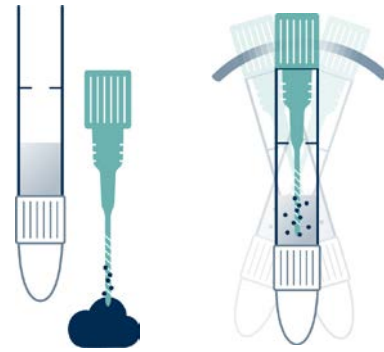
**Please turn over for Test Procedure**

# FASTest<sup>®</sup> PARVO Card Test Procedure

For each test you will need 1 Test cassette and 1 Sample tube with 2.0ml buffer diluent.

## 1 Specimen Collection & Dilution

- Remove the sample tube from the Test-kit, label it with a patient name or ID. number.
- Take the sample tube and open the blue screw cap containing the spiral faeces collection stick.
- Introduce the spiral faeces collection stick several times at various points into the faeces. Pull it out and introduce the faeces sticking on the stick (0.2g) into the sample tube.
- Close the Sample tube tightly and shake it gently until the sample has been dissolved homogeneously into the buffer diluent.

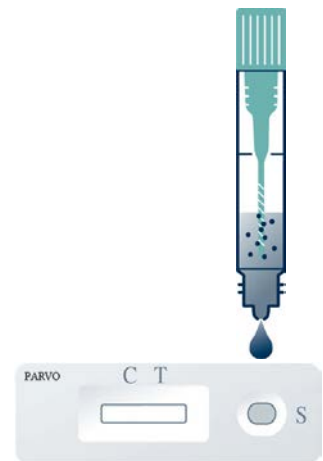


### Note:

- In case of mucous or bloody faeces introduce the spiral faeces collection stick into **pure faeces** material.
- In case of **watery** faeces introduce the spiral faeces collection stick into the faeces and then into the Sample tube. **Repeat this step twice in a row.**

## 2 Test Procedure

- Remove the Test cassette from its aluminium pouch shortly before use. Place it on a flat surface.
- Label the Test cassette with a patient name or ID number.
- Shake the Sample tube again to dissolve the specimen homogeneously. Then remove the cap of the tip (breakable) of the sample tube (opposite side of the blue screw cap) manually.
- Hold the sample tube vertically, blue screw cap pointing upwards. Discard the first 2 drops, and **then add 3 drops of the faecal suspension into the round sample window** of the Test cassette.



## 3 Reading and Interpretation of Results

Read the test results **5 minutes** after the 3 drops have been dropped into the round sample window.

### POSITIVE RESULT

In addition to the **pink-purple line** at the **CONTROL zone**, a clearly visible **pink line** also appears at the **TEST zone**. The faeces sample contains Parvovirus antigen.

### IMPORTANT INFORMATION

Vaccination with modified-live, high titre CPV-2 vaccine may result in shedding of Parvovirus for a period of 3 to 14 days post vaccination. Therefore it is possible that a faint positive result can be caused by a recent Parvovirus vaccination.

### NEGATIVE RESULT

Only the **pink-purple line** appears in the **CONTROL zone**. No visible line is seen in the **TEST zone**. The faeces sample does not contain Parvovirus antigen.

**NB:** False-negative results are common when samples are collected 24-48 hours after clinical signs when antibody production increases rapidly.



Negative



Positive

**ANY PROBLEMS?  
Please ring 01798 874871**