

**FELINE PANLEUKOPENIA VIRUS(FPV)  
ANTIGEN RAPID TEST CARD  
MANUAL**

## Feline Pan Leukopenia Virus (FPV) Antigen Rapid Test Card

Catalogue Number. IP100161

### **Product Usage**

Feline fever, also known as feline panleukopenia and feline infectious gastroenteritis, is a highly contagious acute feline disease. The causative agent is feline parvovirus (FPV), which is highly homologous to canine parvovirus type 2. The virus mainly infects cats, and domestic cats and wild cats can be infected. It is highly contagious, has an acute onset, and has a high mortality rate. Cat plague are usually transmitted by the body fluids, feces, contaminants, and even fleas of infected animals, and susceptible animals are mainly infected by direct or indirect contact. This product uses an immunochromatographic test of feline feces or vomit samples to quickly detect if a cat is infected with feline panleukopenia

### **Principle**

This product uses rapid immunochromatography to detect Rabies antigen. After the diluted sample is added to the “S” hole on test card, if the Rabies antigen is present in the sample, the antigen will specifically bind to the colloidal gold-labeled Rabies monoclonal antibody, and the complex will move along the chromatographic membrane and be chromatographed. The pre-coated Rabies monoclonal antibody on the membrane is captured, and a wine red detection line is formed at the T-position of the cartridge. If there is no Rabies antigen in the sample, no visible lines will be formed at the T line. In addition, the system has also designed a C-line for verifying that the test is valid—whether negative or positive, the line should be colored, otherwise it will be invalid.

### **Technical specifications**

40 tests/kit

### **Components**

1	FPV Ag Test Card	10 pieces
2	Swab	10 pieces
3	Sample buffer	10 pieces
4	Dropper	1 pieces
5	Manual	1 piece

### **Operation procedures**

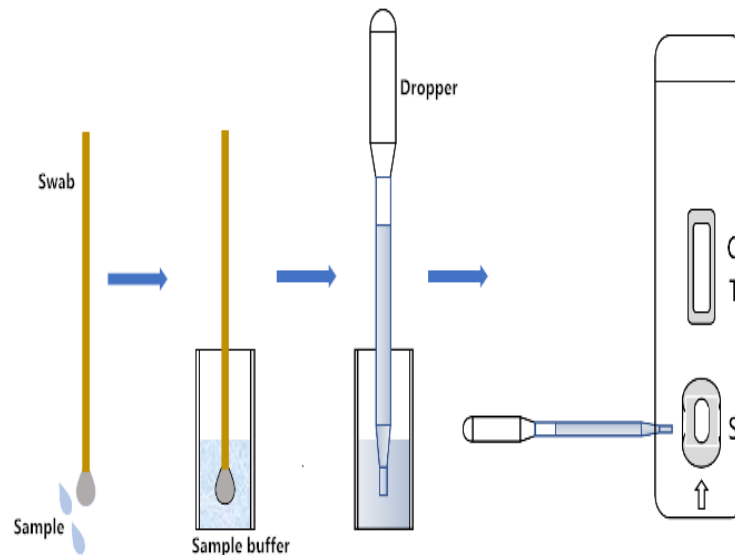
1. Read the manual carefully and return the test card, sample into room temperature 15~25°C before use.
2. Sample collection: Saliva was collected with a cotton swab. Immediately insert the cotton swab into the tube containing the sample buffer, repeatedly rotate the cotton swab on the tube wall at least 10 times, and mix it evenly to dissolve the sample as much as possible in the buffer. Squeeze the cotton swab on the wall of the tube

above the liquid level to allow the liquid to be squeezed out as much as possible and discard the cotton swab.

3. Open the package, take out test card, put it on desk flatly.

4. Use the supplied dropper to absorb the up-layer clear bright liquid, drop 3~4 drops (about 100ul) into "S" hole on test card.

5. Wait for 10min and read the results, result is invalid beyond 15 min.



### **Result Interpretation**

1. Positive(+): Both on T Line and C line being seen wine-red color reaction, it means there is CPV antigen in the sample.
2. Negative(-): no color reaction on Test Line (T Line),only on Control Line(C Line) being seen wine-red color reaction, it means there is no CPV antigen in the sample.
3. Invalid(X): No color reaction on C Line, it means the operation is wrong or the test card is invalid, test again.

### **Precautions**

1. Please use the test card within the shelf life and within 1 hour after opening.
2. Avoid direct sunlight and direct fan blowing during testing.
3. Try not to touch the white film surface of the non-plastic part of the test card.
4. Sample droppers should not be mixed to avoid cross contamination.
5. Do not use sample buffer that are not supplied with this reagent.
6. When the detected substance content is very high, the T line may appear, and then the red color will gradually fade or even disappear. It is recommended to dilute the sample by 10 times before testing, so that the T line can be stable.
7. The used test card should be treated as microbiological dangerous goods.

### **Application limitations**

This product is an immunological diagnostic kit, which is only used to provide qualitative test results for clinical testing of pet diseases. If there is any doubt about the test results, please use other methods of diagnosis (such as RT-PCR, Western-blot, etc.) to further analyze the samples. For pathological analysis, please consult your local pet physician.

**Storage:** store at 2-30°C, dark, sealed, dry place, no frozen.

**Expiry date:** 18 months; date of production is on box.