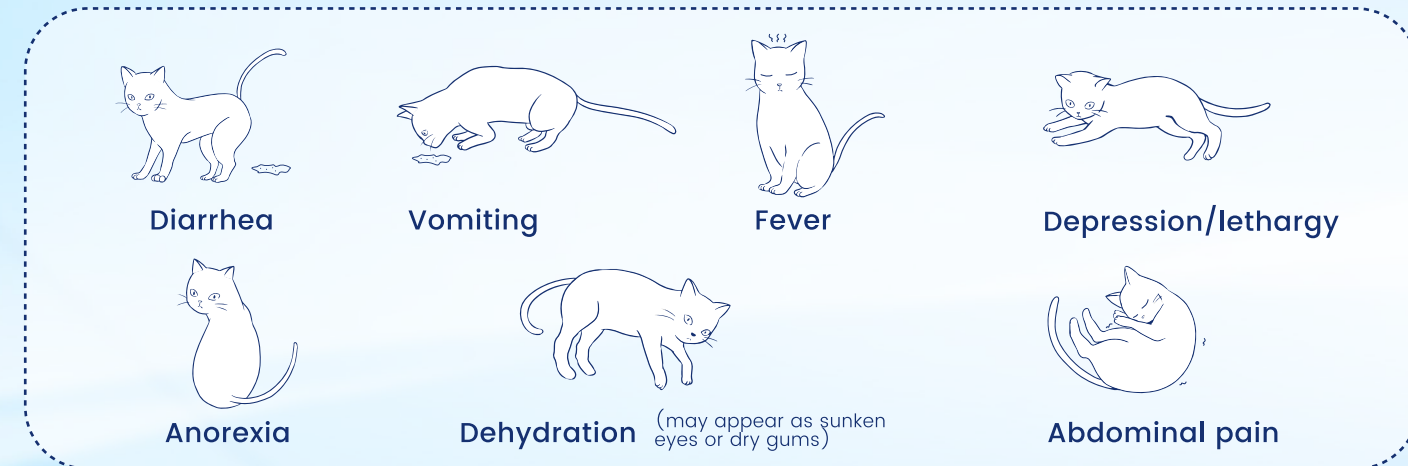


Feline Parvovirus (FPV) Nucleic Acid Detection Kit (Fluorescence PCR Method)

Feline Panleukopenia (also called feline distemper) is an acute, highly contagious disease of cats caused by feline parvovirus (FPV). Clinical manifestations are characterized by sudden onset of high fever, intractable vomiting, diarrhea, dehydration, circulatory disturbances, and a dramatic decrease in white blood cells. Feline panleukopenia is a big disease threat for cat since it carries a very high mortality rate, particularly in unvaccinated kittens.

Feline Parvovirus (FPV) Nucleic Acid Detection Kit developed by Tianlong is suitable for in vitro qualitative detection of feline parvovirus nucleic acid in feces, intestinal cleanse, and anal swab samples of affected cats. It aims to quickly and accurately detect common feline parvovirus and assist in the diagnosis and treatment of feline parvovirus infections.

SIGNS OR SYMPTOMS



FEATURES

- Reliable Detection**
Reliable detection of Feline Parvovirus Virus (FPV) in cats, fast detection and report in only 40 min (15 min for extraction, 25 min for PCR detection)
- Endogenous Internal Control**
With endogenous internal control in the kit to monitor and prevent false negative results effectively
- Stable and Convenient**
Freeze-dried type reagent, easy for storage and transportation, also avoiding contamination
- Providing Integrated Solution**
Provides a rapid test solution that detects FPV with a high degree of sensitivity and specificity
- High Precision**
The precision values of intra and inter Ct values were all < 3%

DATA INTERPRETATION

Figure 1: Gradient concentration FPV amplification curve

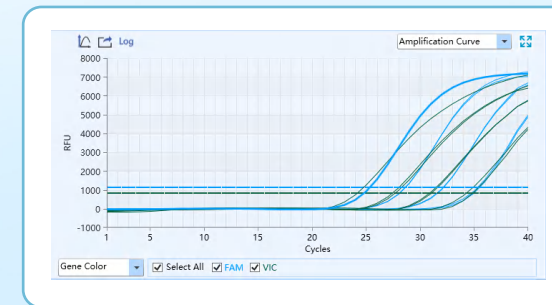
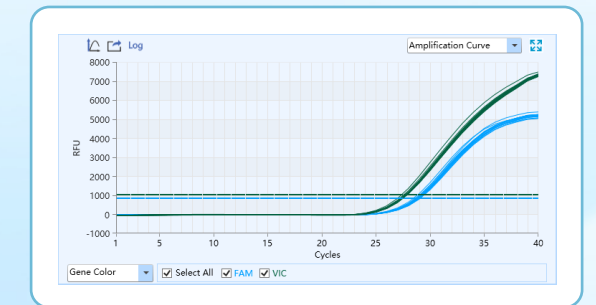


Figure 2: High concentration and low concentration FPV repetitive amplification curve



APPLICABLE INSTRUMENT

	Product Name	Sample Throughput	Certification
Nucleic Acid Extractor	Tianlong GeneFlex 16	16	CE/FDA
Real-Time PCR System	Tianlong Gentier mini	16	CE/FDA

ORDERING INFORMATION

Product Name	Feline Parvovirus (FPV) Nucleic Acid Detection Kit (Fluorescence PCR Method)
Cat.No	C003H
Specification	4T/Kit
Specimen	Anal swab
Sensitivity	600 copies/mL
Precision	< 3%
Storage & Validity	2°C to 30°C for 12 months

