

Feline Upper Respiratory Disease (FURD) Real-time PCR Panel

(Fluorescent PCR Method)

Common digestive tract diseases and respiratory diseases in pets are mostly caused by pathogen infection, and the clinical symptoms after the onset are more similar, especially the clinical symptoms in the early stage are mild. But if not taking effective treatment in time, the disease can progress rapidly, resulting in serious consequences.

Tianlong Feline Upper Respiratory Disease (FURD) Real-time PCR Panel is suitable for in vitro qualitative detection of nucleic acids of Feline Herpesvirus-1(FHV-1), Feline Calicivirus(FCV), Mycoplasma felis(MF), Felidae chlamydiae(CF), Bordetella bronchiseptica(Bb) in cat oral nasopharyngeal swab samples. It aims to quickly and accurately detect common feline respiratory pathogens, assisting in the diagnosis of feline respiratory infections and public medical management.



FEATURES

5 in 1



Simplify Laboratory Workflow

Differential diagnostics of the five feline upper respiratory pathogens in a single run, 5 in 1 test for Feline Herpesvirus-1(FHV-1), Feline Calicivirus(FCV), Mycoplasma felis(MF), Felidae chlamydiae(CF), Bordetella bronchiseptica(Bb)



Internal Control

The use of internal control system in the kit can effectively prevent false negative results



User-friendly

Widely applicable in instruments with FAM, HEX channels



High Precision

The precision values of intra and inter Ct values were all ≤3%



More accurate

Collocating with Tianlong extraction reagent makes your experiment results more accurate

DATA INTERPRETATION

Figure 1: Tianlong Feline Upper Respiratory Disease (FURD) Real-time PCR Panel gradient amplification curve

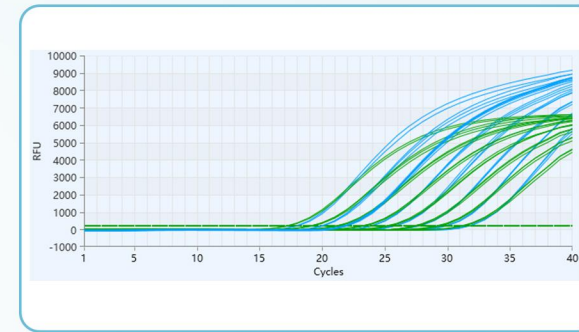
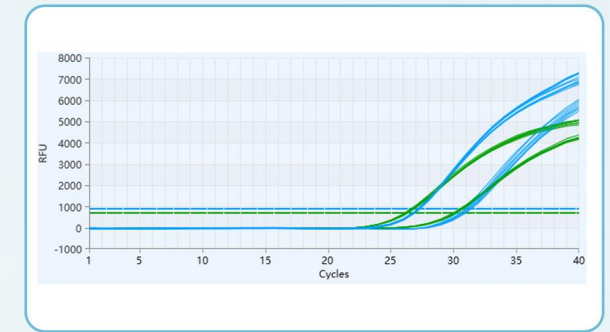


Figure 2: High concentration and low concentration repetitive amplification curve



ORDERING INFORMATION

Product Name	Feline Upper Respiratory Disease (FURD) Real-time PCR Panel (Fluorescent PCR Method)
Cat.No	P360H
Specification	8T/Kit
Sensitivity	700 copies/mL
Target Pathogen	Feline Herpesvirus-1(FHV-1), Feline Calicivirus(FCV), Mycoplasma felis(MF), Felidae chlamydiae(CF), Bordetella bronchiseptica(Bb)
Specimen	Oral nasopharyngeal swab sample
Storage & Validity	-25°C~-15°C for 6 months
Applicable Equipment	Instruments with FAM, HEX fluorescence channels such as Tianlong Gentier Real-time PCR Systems

ASSAY WORKFLOW

