



## ***Monkeypox Virus Detection Kit (Fluorescence PCR)***

Monkeypox is an infectious disease caused by the monkeypox virus that can occur in certain animals, including humans. Symptoms begin with fever, headache, muscle pains, swollen lymph nodes, and feeling tired. This is followed by a rash that forms blisters and crusts over. The time from exposure to onset of symptoms is usually 7 to 14 days. The duration of symptoms is typically two to four weeks.

Humans can be infected by an animal via a bite, or by direct contact with an infected animal's bodily fluids. The virus can also spread from human to human, by respiratory (airborne) contact or by contact with an infected person's bodily fluids.

- ✓ **High Sensitivity , High Throughput**
- ✓ **Reliable Result**
- ✓ **Pre-dispensed single-serving reagents for less time and effort**

## Test Principle

Monkeypox Virus Detection Kit (Fluorescence PCR) is a qualitative real-time fluorescent PCR enables to amplification of monkeypox virus (MPV) from oropharyngeal swab, nasopharyngeal swab, serum, plasma and human pustular or vesicular rash specimens. Specific primers & probes are designed to detect the highly specific regions of monkeypox virus. A pair of primers and a probe for detecting endogenous human RNase P gene are included as an internal control to monitor the whole test process and control for inhibition.

## Product Specification

- **Sensitivity (LoD):** 200 copies/mL
- **Protocol Duration:** 80 minutes
- **Storage & Shelf Life:**
  - AMPV01: be stable when stored at -25°C to -15°C for 12 months
  - AMPV01D: be stable when stored at below 35°C for 18 months
- **Specimen Type:** oropharyngeal swab, nasopharyngeal swab, serum, plasma and human pustular or vesicular rash specimens
- **Nucleic acid extraction reagents and nucleic acid extractors are available for use**

CATALOG NO.	PRODUCT	PACKAGE
AMPV01	Monkeypox Virus Detection Kit (Fluorescence PCR)	48 tests/kit ;96 tests/kit
AMPV01D	Monkeypox Virus Detection Kit (Fluorescence PCR)	48 tests/kit ;96 tests/kit Lyophilization

### Wide range of applicable models:

It is suitable for ABI, Roche, Bio-Rad, Bioer, Hongshi, Molarray and similar multi-channel fluorescent PCR.

### Equipment on sale

#### HG-P960 Real-time PCR system

- Automatic pop-up sample bin
- Intelligent adjustable hot cover
- 6 partition thermal cycling module
- Full adaptable software system
- Top imaging photoelectric detection



#### OG-P100 Real-time PCR system

- Small size, light weight, easy to carry.
- General consumables matching, easy to use
- No need to calibrate regularly
- Fast mode can complete the test in 20 minutes
- 10 inch screen is easy to operate and save space
- Self owned special chip to optimize instrument structure
- Independent research and development, flexible combination and customization

#### HG-P320 Real-time PCR system

- The experimental results can be exported directly.
- 4.7-inch high-definition TFT color touch screen, and embedded operating system.
- 4 channels and double 16-well blocks design, can run two different programs at the same time.
- Powerful software analysis function, which can be used for Quantitative Analysis, Melting Curve Analysis, etc.

