

FDA EUA Authorized

QuantiVirus™ MPXV Test Kit

Highly sensitive qPCR Test

Highlights

-  Experience for FDA EUA Authorized mpox (monkeypox) testing development
-  Gold-standard qPCR Test

Monkeypox Virus and Infection

Since detected in May 2022, mpox (monkeypox) viruses have started to spread in many countries. The mpox virus can spread from person to person through close, personal, or intimate contact. The media for the spreads include:

- 1 Body fluids and respiratory secretions
- 2 Touching surfaces and objects
- 3 Body contact and sex

Symptoms of Mpox

The most obvious symptoms are itchy and painful rash appearing at different parts of the body after 1 to 4 days after infection. In addition, the patient may have flu-like symptoms such as chills, fever, headache, and ache in muscle or back.

Importance of Testing

Testing of monkeypox protects the patient and loved ones and stop the spreading of the virus further in the community. Currently, the CDC only recommends the monkeypox testing when a rash consistent with mpox appears.

DiaCarta's Offerings

The gold standard qPCR test directly detects the presence of the mpox viral DNA. By detecting the two virus-specific genes, J2L and B6R, using the human RNase P as a control, our qPCR multiplex assay can detect the targets and control in one reaction tube.

The design allows detection of the virus even if part of one gene is deleted in a variant. Validated on commonly used instruments such as ABI 7500 Fast Dx, ABI QuantStudio 5, Bio-Rad CFX 384, and Roche Lightcycler 480II with a detection limit of 25 to 80 copies/ml sample, any CLIA lab can validate this test.

Ordering Information

Product Name: QuantiVirus™ MPXV Test Kit

24-test: DC-04-0009
(FDA EUA Authorized)

48-test: DC-04-0005
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480-test: DC-04-0006
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