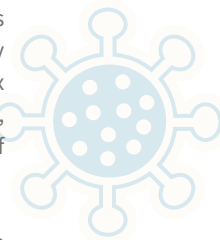


Monkeypox virus Nucleic Acid Detection Kit (Real Time PCR)

Mpox (monkeypox) is a viral illness caused by the monkeypox virus, which is an enveloped double-stranded DNA virus that belongs to the Orthopoxvirus genus of the Poxviridae family. There are two distinct clades of the virus: clade I and clade II. Common symptoms of mpox are a skin rash or mucosal lesions which can last 2 ~ 4 weeks accompanied by fever, headache, muscle aches, back pain, low energy, and swollen lymph nodes. Mpox can be transmitted to humans through physical contact with someone who is infectious, with contaminated materials, or with infected animals. Laboratory confirmation of monkeypox virus infection could be done by testing skin lesion material by PCR.

The Monkeypox Virus Nucleic Acid Detection Kit (Real Time PCR) is an in vitro real-time PCR test intended for the qualitative detection of Monkeypox Virus nucleic acid in human lesion swab specimens (i.e., swabs of acute pustular or vesicular rash) or throat swab specimens from individuals suspected of having mpox.





Product

- ◆ Independent research and development
- ◆ The detection of monkeypox virus nucleic acid can provide molecular diagnosis basis for monkeypox virus infection and realize early and rapid diagnosis of suspected infected persons
- ◆ MDL: Less than 175 copies/mL
- ◆ No cross reactions with Smallpox virus (pseudovirus), Vaccinia virus, Turner River pox virus (pseudovirus), Yaba monkey virus (pseudovirus), varicella-zoster virus, rubella virus, human herpes simplex virus-1/-2, measles virus, Treponema pallidum, Dengue virus, Staphylococcus aureus, Streptococcus pyogenes, Pseudomonas aeruginosa, Candida albicans, Propionibacterium.
- ◆ CE Mark

Product Name

Monkeypox Virus Nucleic Acid Detection Kit (Real Time PCR)

Principle of the Test

Detect the specific gene fragment of monkeypox virus by real-time fluorescence PCR, accurately identify monkeypox virus, and help the accurate diagnosis and prevention of related diseases

Product Specification

24 Tests/Kit, 100 Tests/Kit

REF

NAT-MPXV24, NAT-MPXV100

Sample Type

Lesion swab specimens (i.e., swabs of acute pustular or vesicular rash) or throat swab specimens

Storage and Transportation Conditions

≤ -15°C for 12 months, cold chain transportation

Applicable Real-time PCR Instruments

ABI7500

SLAN-96S

Real-time fluorescence quantitative PCR instrument 7500 (Life Technologies Holdings Pte Ltd); Automatic medical PCR analysis system SLAN-96S (Shanghai Hongshi Medical Technology Co., Ltd.)



Address: Room 09, Area C, 2F, 420 Fenglin Road, Xuhui District, 200032 Shanghai, PEOPLE'S REPUBLIC OF CHINA

TEL: +86 15910470310

Website: www.geneodx.com