



# Molaccu Monkeypox Virus qPCR Detection Kit

.....  
(PCR-Fluorescent Probe Method)



Molecular

# Molaccu Monkeypox Virus qPCR Detection Kit

Molaccu Monkeypox Virus qPCR Detection Kit is used for in vitro qualitative detection of monkeypox virus DNA in human nasopharyngeal / oropharyngeal swab, serum / plasma, or lesion exudate samples. The target population are patients with symptoms such as fever, rashes, macules, papules, vesicles, pustules and scabs, and related close contacts. The kit can provide high accurate and sensitive result with fast speed.



## Scenarios



Airport



Customs



Hospital



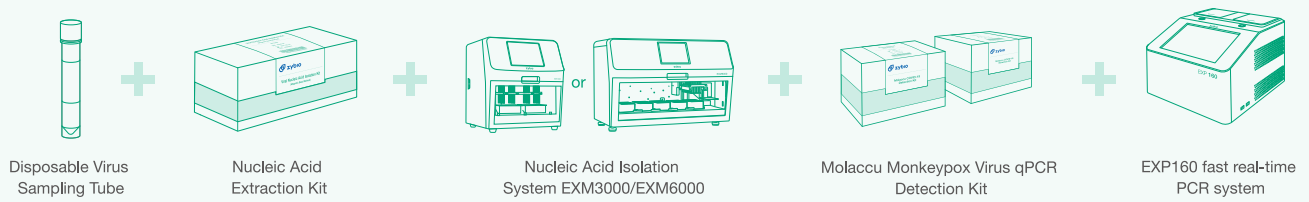
CDC

## Product information

Item	Description
Name	Molaccu Monkeypox Virus qPCR Detection Kit
Method	PCR-Fluorescent Probe Method
Package Size	32 T/kit, 96 T/kit
Catalog Number	01.09.21.07.MM.04 (For 32 T/Kit) 01.09.21.07.MM.03 (For 96 T/Kit)
Sample Type	Nasopharyngeal /oropharyngeal swab, serum, plasma, and lesion exudate samples, etc.
Target Gene	MPXV F3L gene
Internal control	Endogenous internal control
Sample/Total volume	10 / 20 $\mu$ L
Limit of detection	200 copies/mL
Anti-pollution system	UNG-dUTP
Storage condition	-20 $\pm$ 5 $^{\circ}$ C
Storage period	12 month

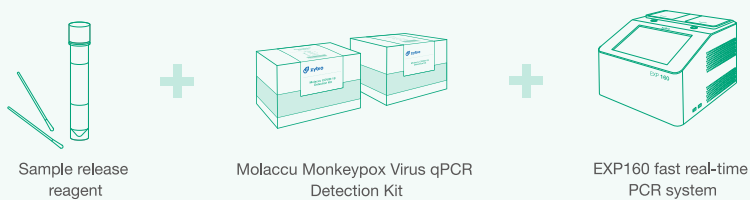
# Integrated Solution of Monkeypox Virus detection

## • Nucleic Acid Isolation system + qPCR System



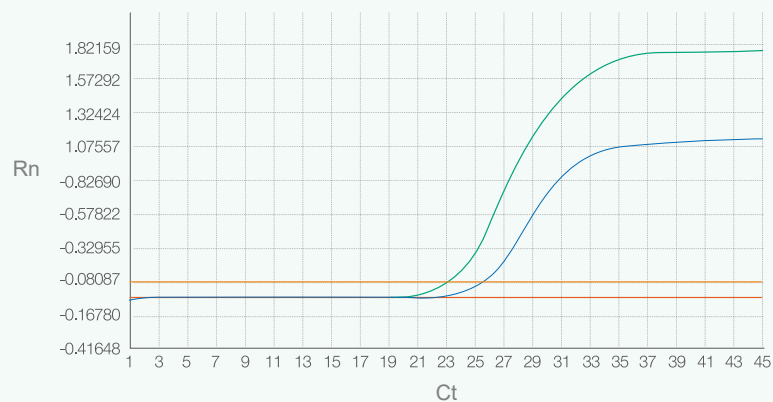
- 1 By applying Nucleic Acid Extraction Kit and Nucleic Acid Isolation system EXM3000, 32 samples extraction can be finished within 9 minutes.
- 2 By using EXP160 and Zybio Monkeypox Virus qPCR detection kit, the detection time can be shorten to less than one hour..
- 3 By using Zybio full range of products, high compatibility can improve the sensitivity and accuracy of testing.

## • Sample release reagent + qPCR System



- 1 By applying Zybio sample release reagent, the sample treatment time could be shorten to less and 5 minutes, no complex instruments are required.
- 2 Available for emergency scenarios such as outbreak screening, regional control in remote areas, area with limited condition.

## Performance of detection kit



Performance test shows good testing result for target genes (Blue: FAM channel, F3L gene; Green: VIC channel, IC)



**Zybio Inc.**

Address: Floor 1 to Floor 5, Building 30, No.6 of Taikang Road,  
Block C of Jianqiao Industrial Park, Dadukou District, 400082 Chongqing,  
PEOPLE'S REPUBLIC OF CHINA

Tel: +86-23 6865 5509 Fax: +86-23 6869 9779

Email: [info@zybio.com](mailto:info@zybio.com) Website: [www.zybio.com](http://www.zybio.com)

EN-C-FZ-Molaccu Monkeypox Virus qPCR Detection Kit-R-20220602H

**Molecular**