



MONKEYPOX VIRUS qPCR KIT



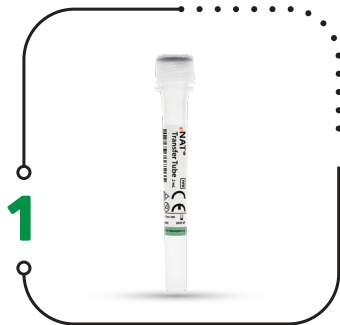
Monkeypox virus may cause infections in humans and other animals. The spread of the virus is mostly linked to international travels and animal import. Early symptoms may include fever, pain in different parts of the body, swollen lymph nodes, chills and exhaustion. The symptoms are generally followed by rash on the face and other parts of the body. Although it primarily occurs in West Africa, multiple cases from other parts of the world has been reported in 2022.

Bio-Speedy® Monkeypox Virus qPCR Kit is a Real-Time PCR (qPCR) test intended for the qualitative detection of the DNA and mRNA from Monkeypox Virus. Bio-Speedy® Monkeypox Virus qPCR Kit is applied to nucleic acid isolates obtained from skin lesion swab samples.

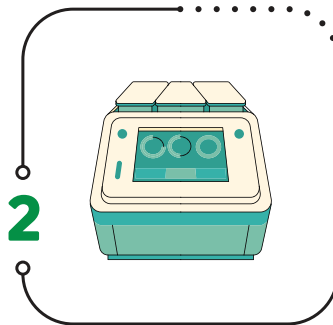
The results are obtained in 45 minutes on Real-Time PCR, by **specific amplification of the target region in the Monkeypox Virus (F3L)**. In addition, the oligonucleotide set targeting human **RNase P** gene functions as a control of the sampling and qPCR.

In a single multiplex qPCR reaction:

	TARGET GENE	TARGET
FAM	Specific amplification of the target region in the Monkeypox Virus (F3L)	Monkeypox Virus
HEX		



1 Sampling with vNAT® Transfer Tube



2 RT-qPCR



3 Automated Reporting

Sample Type: Skin lesion swab samples in vNAT® Transfer Tube

FAST
45
minutes*

* For Bio-Rad CFX96 Touch™ Real-Time PCR Instruments

HIGH-THROUGHPUT

94 samples
1 run
1 instrument

COST EFFECTIVE

PRODUCT	PRODUCT SIZE	CATALOG NO
Bio-Speedy® Monkeypox Virus qPCR Kit	25 Rxns	BS-MPV-25