

YOUR PARTNER FOR MONKEYPOX OLIGOS

Primers & Probes for Research and Commercial Use

The outbreak of Monkeypox has increased the demand for primers and probes for qPCR-based detection. Use our 35+ years of experience and global supply chain to provide you with expertly manufactured and reliably delivered oligos.

Detection Assays Designed by the U.S. CDC

Non-variola Orthopoxvirus Generic

Forward 5'-TCAACTGAAAAGGCCATCTATGA-3'

Reverse 5'-GAGTATAGAGCACTATTTCTAAATCCCA-3'

Probe 5'-CCATGCAATATACGTACAAGATAGTAGCCAAC-3'

Monkeypox virus Generic

Forward 5'-GGAAAATGTAAAGACAACGAATACAG-3'

Reverse 5'-GCTATCACATAATCTGGAAGCGTA-3'

Probe 5'-AAGCCGTAATCTATGTTGTCTATCGTGTCC-3'

Please visit the landing below, which contains:

- Direct link to the CDC web page with the virus detection protocols and assay sequences
- Public health agency resource links
- Overview qPCR assay and viral purification reagents

Custom Primers

Specifications

Scale	0.025, 0.05, 0.2, 1.0, 10, and 15 µmol
Purification	Desalt, Cartridge, HPLC & PAGE
Sequence Lengths	Up to 120 bases
Quality Control	100% mass spectrometry
Format	Supplied dry in tubes
Services	Custom formats available (normalization, special plates, etc.)

Custom Dual-Labeled Probes

Specifications

Amounts	1, 3, 5, 10, 50 & 100 OD
Purification	HPLC
Sequence Lengths	15 - 40 bases
Modifications	Locked Nucleic Acid available
Dyes	Comprehensive offering of reporters and quenchers
Quality Control	100% mass spectrometry
Format	Supplied dry in amber tubes
Services	Custom formats available (normalization, special plates, etc.)

Learn more and order

SigmaAldrich.com/mpoxassay

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MK_FL9803EN Ver. 1.0 43776 08/2022

