

Product insert

Monkeypox Virus and Orthopoxvirus ValuPanel Reagents

For Research Use and Surveillance Only. Not for use in diagnostic procedures.

Monkeypox Virus and Orthopoxvirus ValuPanel Reagents are separately delivered probes and primers for PCR detection of monkeypox virus DNA and non-variola Orthopoxvirus species DNA. The oligonucleotide sequences are referenced by the [CDC](#). Please visit the [CDC website](#) for information about the PCR protocols. All primers and probes are HPLC purified and delivered in dried format at 20 nmol of each primer and 5 nmol for each probe. The probes are labelled with FAM dye and BHQ quencher. Probes and primers are delivered in separate tubes and are not premixed.

Monkeypox virus panel

Oligonucleotides for specific detection of DNA from the monkeypox virus.

Cat. no.	Product description	Label	Delivered amount
MPXV-F-20	Monkeypox Virus Forward Primer	None	20 nmol
MPXV-R-20	Monkeypox Virus Reverse Primer	None	20 nmol
MPXV-P-5	Monkeypox Virus Probe	FAM-BHQ-1	5 nmol

Orthopoxvirus (non-variola) panel

Oligonucleotides for the detection of DNA from Orthopoxviruses excluding smallpox (caused by variola virus).

Cat. no.	Product description	Label	Delivered amount
NVAR-OPXV-F-20	Non-Variola Orthopoxvirus Forward Primer	None	20 nmol
NVAR-OPXV-R-20	Non-Variola Orthopoxvirus Reverse Primer	None	20 nmol
NVAR-OPXV-P-5	Non-Variola Orthopoxvirus Probe	FAM-BHQ-1	5 nmol

Human RNase P extraction control panel

Oligonucleotides for the detection of human RNase P DNA.

Cat. no.	Product description	Label	Delivered amount
RNP-F-20	Human RNase P Forward Primer	None	20 nmol
RNP-R-20	Human RNase P Reverse Primer	None	20 nmol
RNP-P-5	Human RNase P Probe	FAM-BHQ-1	5 nmol



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Storage




ValuPanel reagents are shipped at ambient temperature. Upon receipt store at +2 to +8 °C. Once rehydrated, the oligonucleotides should be aliquoted and stored at -30 °C to -15 °C. Multiple freeze-thaw cycles should be avoided. Probes should be protected from light.

Certificates of Analysis (CoA)

Please contact techsupport@lgcgroup.com to obtain lot-specific CoAs.

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