



Novaplex™ MPXV/OPXV Assay (RUO)

Monkeypox is an acute zoonotic infection disease caused by the monkeypox virus (MPXV). The disease is mainly transmitted by animals, but it can also be transmitted from person to person through physical contact, body fluids, or even contaminated objects, showing symptoms such as fever, severe headache, and muscle pain. PCR test is known as the gold standard to accurately detect MPXV, so it can be used effectively to prevent the rapid spread of the virus.

Novaplex™ MPXV/OPXV Assay (RUO) is a real-time PCR product that accurately detects Monkeypox virus clades I and II (MPXV) and non-variola *Orthopoxvirus* (OPXV) specifically with a single test. This product can be used with an automation system for convenient workflow, and it can be used as a confirmation test for MPXV infection.

Key features



Wide coverage of various clades of MPXV/OPXV

Provides reliable test results with broad coverage for MPXV Clades I and II, including new variant Clade Ib, and detection of *Orthopoxvirus* (OPXV) to which MPXV belongs



Dual internal control ensuring highly reliable result

Uses dual internal controls (Endo IC and Exo IC) to verify the validity of the sample and the pre-analytical process



Simultaneous testing solution

Co-testing with the Novaplex™ Genital ulcer Assay enables differentiation or co-detection of agents in samples with similar symptoms

Specifications

Analytes	Compatible instrumentation
Monkeypox virus (MPXV)	Automated extraction & PCR setup
Non-variola <i>Orthopoxvirus</i> (OPXV)	- Seegene NIMBUS
Endogenous internal control (IC)	- Seegene STARlet
Exogenous internal control (IC)	Real-Time PCR
	- CFX96™ Real-time PCR Detection System
	- CFX96™ Dx System
	- CFX96 Touch™ Real-Time PCR Detection System

Ordering information

Products	Volume	Cat. No.
Novaplex™ MPXV/OPXV Assay (RUO)	100 rxns	R-PX70603X
	25 rxns	R-PX70606Z

* For research use only. Not for use in diagnostic procedures.