

Novaplex™

# MPXV 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 Assay (RUO) is a real-time PCR product that accurately detects MPXV 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

### ✔ Specific detection for monkeypox virus

- Specifically detects MPXV target gene with application of seegene TOCE™ technology
- Covers all clades: Western African, Congo Basin clades

### ✔ Automated system

- Provides a convenient workflow through a streamlined automation system
- Minimizes contamination and human error

### ✔ Fast PCR TAT

- Reduces test time with fast PCR TAT of 1.5 hours

## Specifications

Analytes	Compatible instrumentation
<ul style="list-style-type: none"> <li>Monkeypox Virus (MPXV)</li> <li>Exogenous Internal Control (IC)*</li> </ul> <p><small>* (Optional) For each sample, endogenous gene is used for internal control. Therefore it is not mandatory to add it during the extraction process.</small></p>	<ul style="list-style-type: none"> <li><b>Automated extraction &amp; PCR setup</b> Seegene NIMBUS Seegene STARlet</li> <li><b>Automated extraction</b> SEEPREP32™</li> <li><b>Real-time PCR</b> CFX96™ Dx CFX96™ Touch</li> </ul>

## Ordering information

Product	Volume	Cat. No.
Novaplex™ MPXV Assay (RUO)	100 rxns	R-PX10324X
	25 rxns	R-PX10325Z

\* Research use only. Not for use in diagnostic procedures.