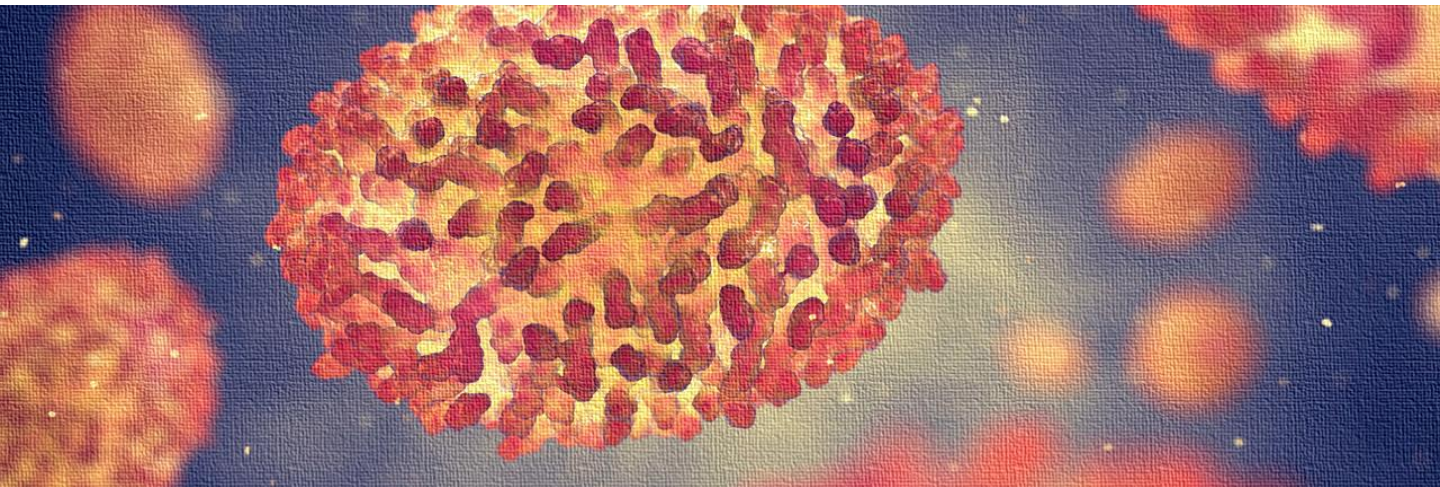


# UltraGene® MonkeyPox PCR Tests



ABL Diagnostics' UltraGene® MonkeyPox PCR Test has been developed for the detection of Monkeypox Virus in human serum or lesion exudate samples by using fluorescent probe-based Taqman® real-time PCR system.

A fully premix lyophilized system, which includes materials needed for the detection of the F3L gene of Monkeypox Virus and human conserved gene (IC).



With a fast turnaround time and no requirement for batch testing, this test allows clinical diagnostic laboratories to test for monkeypox infections efficiently, making it a key tool for monitoring the spread of the virus as well as the impact of public health interventions to control the emerging outbreak.

## Highlights

Input sample type	<ul style="list-style-type: none"><li>Human serum or lesion exudate samples</li></ul>
Kit content	<ul style="list-style-type: none"><li>Monkeypox Virus Lyophilized premix: 8 strip PCR tubes</li><li>MPV Positive Control tube</li><li>MPV Negative Control tube</li><li>Dissolving solution tube</li></ul>
Storage and shelf life	<ul style="list-style-type: none"><li>The kit can be transported at room temperature.</li><li>It can be stored at <math>-20\pm 5</math> °C</li></ul>
Applicable instruments	<ul style="list-style-type: none"><li>Real-time PCR instrument such as ABI7500, Bio-Rad CFX96, SLAN-96S, QuantStudio and BTK-8.</li></ul>
Detection limitation	<ul style="list-style-type: none"><li>500 copies/mL</li></ul>
Turnaround time	<ul style="list-style-type: none"><li>&lt;1h</li></ul>
Precision	<ul style="list-style-type: none"><li>The coefficient of variation (CV, %) of Ct value of within batch/ between-batch precision is <math>\leq 5\%</math>.</li></ul>
Accuracy	<ul style="list-style-type: none"><li>The conformity rate of negative/positive reference: 100%.</li></ul>
Specificity	<ul style="list-style-type: none"><li>No cross-reactivity with human genome and the following pathogens: smallpox virus, sheep pox virus, vaccinia virus, measles virus, rubella virus, varicella zoster virus, syphilis virus, herpes simplex virus, enterovirus</li></ul>

**Available  
soon**

### DeepChek® Assay MPXV Genotyping

- Genotyping through sequencing
- Compatible with many sequencing analyzers
- Monkeypox virus genomic variability and typing assessment

## References

UltraGene® Assay MonkeyPox PCR Test Kit (CE-IVD) (48/96 tests)	<b>B001P</b>
UltraGene® Assay MonkeyPox Screening (RUO) (50 tests)	<b>188A50</b>
DeepChek® Assay MPXV Genotyping (RUO) (24 tests)	Ongoing



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