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Trivitron Healthcare launches RTPCR-based kit for monkeypox virus

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Differentiates between smallpox and Monkeypox in a one-tube single reaction format



Trivitron Healthcare has developed the Real-Time PCR-based kit for the detection of monkeypox (Orthopoxvirus) virus.

The kit is four-colour fluorescence-based, which can differentiate between smallpox and Monkeypox in a one-tube single reaction format, with a total turnaround time of one hour.

In this four-gene RT-PCR kit, the first target detects the viruses in the wider orthopox group, the second and third targets detect and differentiate the monkeypox and smallpox virus respectively and the fourth target detects the internal control corresponding to human cell to address the assay performance and aid in following its epidemic spread.

This kit is available as Research-Use only (RUO) and based on literature search and *in-silico* design.