

RANDOX

VIVALYTIC MPXV

Qualitative real-time PCR test for the detection of Monkeypox Virus and non-variola Orthopoxvirus species.

Vivalytic Monkeypox virus (MPXV) was developed as a rapid and easy test to support the global response to Monkeypox. It is a zoonotic virus species of the subset genus Orthopoxvirus (OPX), from the Poxviridae family. Transmitted between species via animal bites and inter-species transfer of bodily fluids. Transmission between humans can occur through contact with infected lesions, inhalation of respiratory droplets, and indirect contact with contaminated items. Sexual contact is considered an important transmission mode for outbreaks of infection.

- Results available in 45 minutes
- Only 300 µl volume required
- RT-PCT for the detection of Monkeypox non-variola Orthopoxvirus species
- Detection of MPXV and non-variola Orthopoxvirus species (including MPXV)
- Monkeypox screening provides faster laboratory testing for outbreak containment to reduce the risk of infection
- Only a few steps from sample to result

Detectable Pathogens

- Monkeypox Virus (Clade I, Clade II)
- Non-variola Orthopoxvirus species (Cowpox Virus, Ectromelia Virus, Monkeypox Virus, Taterapox Virus, Vaccinia Virus)
- For RUO Only



 **BOSCH** vivalytic

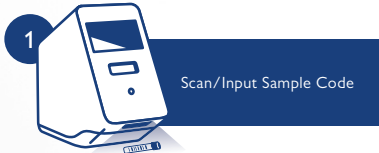
 CO₂ neutral product
www.vivalytic.life

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VIVALYTIC WORKFLOW

4 Easy Steps for Optimised Workflow

Intuitive engineering of Vivalytic ensures the analyser is user friendly. The process of patient sample to result comprises a very simple 4 step workflow. To begin the test, the user scans or enters sample information. The cartridge code is then scanned into the embedded Vivalytic software. The user then adds sample into the dedicated cartridge slot, closes the lid and inserts the cartridge into the Vivalytic. The touchscreen display will countdown the time remaining to test completion. Results will be displayed on the screen. Multiple Vivalytics can be wirelessly connected allowing the user to control multiple tests at one time all reporting to a master Vivalytic platform.



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