



# quany Monkeypox

The new multiplex Real-Time PCR kit for the identification and quantification designed for the Monkeypox virus infection surveillance

*quany* Monkeypox in addition to the identification and quantification of the virus genome, also allows the discrimination of the two MPXV clades (West Africa and Congo basin)

## General information:

- **Protocol:** Real-Time RT-PCR
- **Time to result:** 1h and 40 minutes
- **Target Regions:** J2L/J2R common region of MPXV genome for the screening (MPXV); J2L/J2R specific region of west African MPXV genome (MPXV-WA); D14L specific region of Congo basin MPXV genome (MPXV-CB);  $\beta$ -Globin Internal Control (IC)
- **Quantification Standards:** Synthetic DNA corresponding to the screening region
- $(10^2 \text{ cps}/\mu\text{L} - 10^5 \text{ cps}/\mu\text{L})$ . The standard set is included into the kit
- **Starting samples:** Biological samples (for example swabs from skin lesions)
- **Validated PCR Real time Systems:** Applied Biosystems 7500 Fast (ThermoFisher SCIENTIFIC), Rotor-Gene Q MDx (RG-Q MDx - QIAGEN), CFX96 Real-Time PCR Detection System (Bio-Rad)
- **DNA Manual extraction:** *QIAmp DNA mini kit* (QIAGEN) and *Bact Extra Pure Kit* (ref. EDR004050).
- **DNA Automatic extraction:** CloNext 12, CloNext 24 or Duplica<sup>®</sup>Prep Robotic Workstations
- **Package:** 48 tests
- **Storage:**  $-20^\circ\text{C}$

## Information for orders:

Description	Ref.	Regulatory	Tests
<i>quany</i> Monkeypox	RT-103	RUO	48 tests