



# quany Monkeypox

(REF: RT-103)

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

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

## GENERAL INFORMATION

- **Protocol:** Real-Time 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; ( $10^2$  cps / $\mu$ L  $10^5$  cps / $\mu$ L). The standard set is included with the kit
- **Starting samples:** Biological samples (for example swabs from skin lesions)
- **Validated Real-Time PCR System:** Applied Biosystems 7500 Fast (ThermoFisher SCIENTIFIC), Rotor Gene Q MDx (RG Q MDx QIAGEN), CFX96 Real Time PCR Detection System (Bio Rad)
- **Manual DNA extraction:** QIAmp DNA mini kit (QIAGEN) and Bact Extra Pure Kit (ref. EDR004050).
- **Automated DNA extraction:** CloNext 12, CloNext 24 or Duplica<sup>®</sup> Prep Robotic Workstations
- **Package:** 48 tests
- **Storage:** - 20° C

## INFORMATION FOR ORDERS

DESCRIPTION	REF.	REGULATORY	TESTS
<i>quany</i> Monkeypox	RT 103	RUO	48 tests