

MPOX

Complete molecular solution
adapted to your needs

MPOX CLADES REALTIME PCR KIT

Real-time PCR assay designed for the qualitative detection of the MPOX virus and its classification into Clade I or Clade II in human skin lesion samples.

- Multiplex PCR - one single reaction tube per sample.
- Suitable for FAM/Cy5/HEX (VIC)/Texas Red qPCR cyclers.
- Endogenous human *RNase P* control for monitoring the carry-over of amplification inhibitors, sample integrity and the correct amplification set-up.
- Fast and reliable results in 1 h 30 min.
- Lyophilized master mix and positive control to ensure stability and reduce transportation costs.



Ref. RTPCR034-R

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APPLICATIONS



Vesicular smear collected from the lesion on transport medium or on a dry swab is the most common sample.

CONTENT



Single mix, Reconstitution solution, Positive control and Negative control. The mix includes internal control primers/probes for human specimen validation that allows detecting improper sample collection or degradation.

COMPATIBILITY



Extraction systems:

BioMérieux (NucliSENS® easyMag®), Roche (MagNA Pure System), TANBead (Maelstrom 4800 and 9600), Thermo Fisher Scientific (KingFisher Flex) and Bruker (GenoXtract 12), among others.

RealTime PCR thermocyclers:

Bio Rad (CFX96 Touch™), Roche (LightCycler® 96, LightCycler® 480 and COBAS® z480), Agilent (Aria Mx), Thermo Fisher Scientific (ABI 7500/ 7500 Fast) and Azure (Cielo 6), among others.

TARGETS



	Target	Channel
Monkeypox virus (specific)	F3L gene	Texas/ROX
Mpox Clade I	OPG027 gene	HEX/VIC
Mpox Clade II	OPG065 gene	FAM
Internal control	Human ARNasa P gene	Cy5

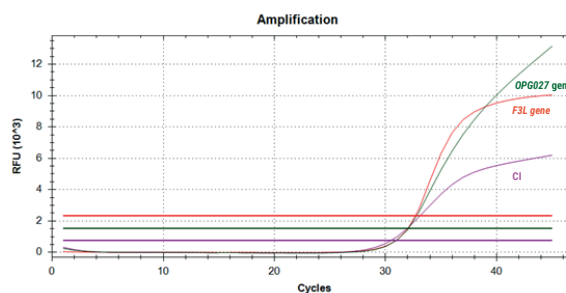
INFORMATION AND RELATED PRODUCTS

Description	Reference	Content
MPOX CLADES REALTIME PCR KIT	RTPCR034-R	24 tests
MONKEYPOX REALTIME PCR KIT	RTPCR018-LPD-R	96 tests
AMPLIRUN® MONKEYPOX VIRUS DNA CONTROL	MBC146-R	10.000-20.000 copies/μl
AMPLIRUN® TOTAL MONKEYPOX VIRUS CONTROL (SWAB)	MBTC032-R	10 vials

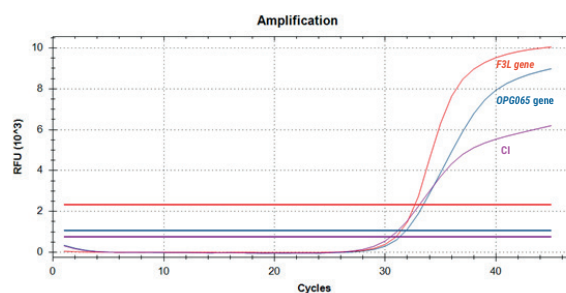
INTERPRETATION OF RESULTS



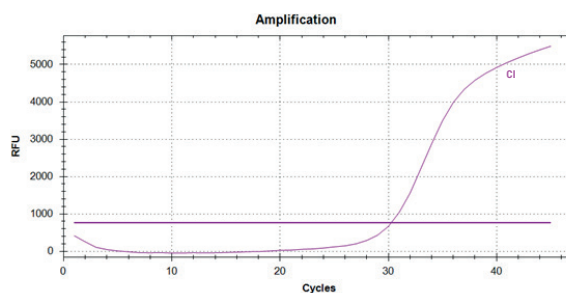
MPOX CLADE I



MPOX CLADE II



NEGATIVE SAMPLE



Vircell, S.L.

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