



"Ready & Easy-to-use" kits.
Lyophilised product



Transport and storage at room temperature.
Shelf-life: 24 months



CE marked

RESPIRATORY INFECTION
MPV
MONOPLEX

Human *Metapneumovirus*

- Discovered in 2001, **Human *Metapneumovirus* (hMPV)** is in the Pneumoviridae family along with respiratory syncytial virus. Broader use of **molecular diagnostic testing has increased identification** and awareness of hMPV as an **important cause** of upper and lower respiratory infection. The virus has been isolated on all continents and has a **seasonal distribution**.
- hMPV is a respiratory disease that causes **flu or cold-like symptoms** but can increase risks or lead to more **serious complications** like bronchitis or pneumonia, particularly among the elderly, young children, and immunocompromised people. It is transmitted by infectious **airborne droplets and by contact** between infected people, as the natural reservoir of these viruses in human.

As it is a relatively recently discovered respiratory virus, healthcare professionals may not routinely consider or test for HMPV. However, they should consider it when hMPV is commonly **circulating during winter and spring**. Infection with HMPV can be confirmed usually by **direct detection of viral genome** by nucleic acid amplification test.

- VIASURE Human *Metapneumovirus* Real Time PCR Detection Kit is **designed for the diagnosis of human *Metapneumovirus* in respiratory samples**. After RNA isolation, the detection of *Metapneumovirus* is done in one step real time format where the reverse transcription and the subsequent amplification of specific target sequence occur in the same reaction well. The isolated RNA target is transcribed generating complementary DNA by reverse transcriptase which is followed by the amplification of **a conserved region of N gene** of *Metapneumovirus* using specific primers and a fluorescent-labeled probe.

Human *Metapneumovirus*

VIASURE *Metapneumovirus* Real Time PCR Detection Kit is designed for specific identification and differentiation of human *Metapneumovirus* in respiratory samples from patients with signs and symptoms of respiratory infection.

This test is intended for use as an aid in the diagnosis of *Metapneumovirus* in combination with clinical and epidemiological risk factors.

RNA is extracted from clinical specimens, multiplied using Real Time amplification and detected using specific primers and a fluorescent reporter dye probe for *Metapneumovirus*.

►

Analytical sensitivity

VIASURE *Metapneumovirus* Real Time PCR Detection Kit has a detection limit of ≥ 10 RNA copies per reaction (figure 1).

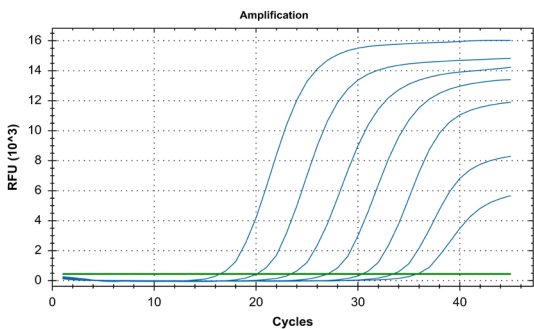


Figure 1.
Dilution series of Human *Metapneumovirus* (10^7 - 10^1 copies/rxn) template run on the Bio-Rad CFX96™ Real-Time PCR Detection System (channel FAM).

►

References - VIASURE *Metapneumovirus* Real Time PCR Detection Kit

6 x 8-well strips, low profile	VS-MPV106L	6 x 8-well strips, high profile	VS-MPV106H
12 x 8-well strips, low profile	VS-MPV112L	12 x 8-well strips, high profile.....	VS-MPV112H
96-well plate, low profile	VS-MPV113L	96-well plate, high profile.....	VS-MPV113H
9 x 4-well strips, Rotor-Gene®.....	VS-MPV136	18 x 4-well strips, Rotor-Gene®.....	VS-MPV172
4 tubes x 24 reactions	VS-MPV196T		

* Available with extraction control (EC)

For more information and use procedure,
read the instructions for use included in this product.



Certest Biotec, S.L. Pol. Industrial Río Gállego II · Calle J, Nº1 50840, San Mateo de Gállego, Zaragoza (Spain)
Tel. (+34) 976 520 354 | viasure@certest.es | www.certest.es

Modification rights reserved. All rights reserved. © CerTest Biotec, S.L.
The products, services and data set out in this document may suffer changes and/or variations on the texts and pictures shown.