

Human Metapneumovirus Matrix Protein Antigen Rapid Test (Uncut Sheet)

Catalog Number LDG0008LU

Package Sheet

For full product information, images and publications, please visit [our website](#).



Overview

Description

Lateral flow for Human Metapneumovirus Matrix Protein detection.

Specifications

Application

Lateral flow

Sensitivity

NR-22232 Human metapneumovirus TN/91-316 (B2)
1.4×10² TCID₅₀/mL.

Background

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Human Metapneumovirus (hMPV), a Paramyxoviridae family member, causes respiratory infections. The Matrix (M) protein is essential for viral assembly and budding, shaping virion morphology. X-ray crystallography revealed that hMPV M protein forms two dimers and has a high-affinity Ca²⁺ binding site, with a secondary lower-affinity site identified through molecular simulations. These sites stabilize M protein, and their conservation across human pneumoviruses suggests calcium's role in viral assembly.

Instruction

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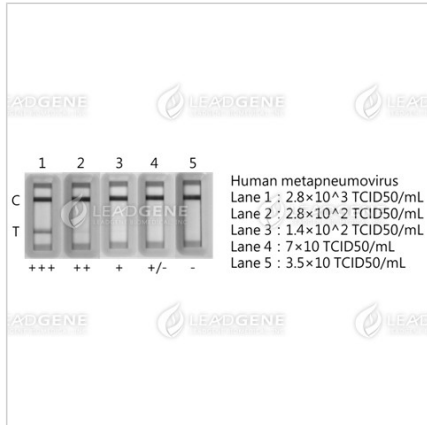
CLD Center

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Shipping

The product is shipped in Room Temperature.

Image



The sensitivity of the Human Metapneumovirus Matrix Protein Antigen Rapid Test (Uncut Sheet). The LOD (Limit of Detection) for identifying Human metapneumovirus (NR-22232 Human metapneumovirus TN/91-316 (B2)) is approximately 1.4×10^2 TCID50/mL.

Disclaimer : For Research Use or Further Manufacturing Only.