

Nipah Virus Antigen Rapid Test Kit (25 strips)

Catalog Number LDG0002LR

Package Box

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



Overview

Description

The Nipah Virus Antigen Rapid Test Kit utilizes the sandwich lateral flow immunoassay (sandwich LFIA) technique and is specifically designed to detect the N protein antigen of the Nipah virus. This method employs specific antibodies to capture and visualize the N protein antigen, providing results rapidly without requiring complex laboratory equipment.

Components

Item	Amount
Nipah virus antigen strip	25 strips
Extraction buffer	12 mL, 1 bottle
Instruction Manual	1

Specifications

Application

Lateral flow

Sensitivity

Limit of detection (LoD): 1-5 ng/mL

Assay Range

1-5 ng/mL

Background

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Background

Nipah virus is a highly dangerous zoonotic pathogen primarily prevalent in South and Southeast Asia, posing a significant threat to global public health. Fruit bats of the genus *Pteropus* serve as the primary natural host of the virus. Humans infection can occur through the consumption of contaminated food, direct contact with the bodily fluids of infected animals, or human-to-human transmission. The clinical presentation of Nipah virus infection range from asymptomatic cases to severe respiratory and neurological manifestations, including fatal encephalitis. Due to its high transmissibility and mortality rate, early and accurate diagnosis is crucial for outbreak control.

Instruction

Shipping

The product is shipped in Room Temperature.

Stability & Storage

- Test kits should be stored at room temperature.
- Test cassettes must remain in sealed foil bags until use as they are sensitive to humidity.
- Test kits should not be reused.
- Do not use the kit if the package is damaged, or the physical appearance is altered.

Image

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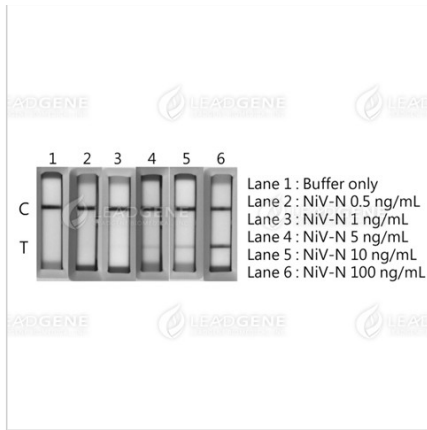
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Sensitivity of NiV-Nucleocapsid protein .

Nipah Virus Antigen Rapid Test Kit has a minimum detection limit for Nipah virus N protein of approximately 1-5 ng/mL.

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