

# PATHKITS

Product Information Sheet

## PK Molecular Transport Medium Kit OR MTM



With 1.5 ml Molecular Transport Medium in a 15 mL tube and 02 sterile Nylon Flocked swabs with breakpoint recommended for collection and transport of viruses. The product is also known as MTM Kits.

**Product Code:** MDS200

### Product Description:

MDS Molecular Transport medium Kits (MTM Kits) is a specially formulated medium for collection and transport of viruses. It is designed to lyse as well as maintain optimum conditions for the transport of the viral sample.

MDS Molecular Transport Medium (MTM) is made of Tris-HCl Buffer and contains surfactant and chelating agent, antimicrobial agents (Antibiotic & Anti-fungal) to control microbial contamination, buffers to control the pH.

The sterile Nylon Flocked swabs on a plastic shaft with a breakpoint can be used for collecting nasal and throat samples.

### Precautions:

1. Isolation of viruses will largely depend on proper specimen collection, timing of sample collection and processing of samples.
2. Specimen collection should be done in the acute phase of illness.
3. Do not use the product if,
  - There is change in the opacity of the medium.
  - There is evidence of leakage and
  - There are other signs of deterioration.

- To maintain infectivity of viruses, it is important that temperature be properly maintained for sample collection to processing.
- Avoid repeated freeze-thaw of collected samples.
- It is recommended to refer to standard procedures and published protocols for sample collection and processing.

## Kit Content:

Description	Qty.	Storage
MDS Molecular Transport Medium	1.5 or 3 ml	Room Temperature
Sterile Nylon Swab with breakpoint for Nasal sampling	1	Room Temperature
Sterile Nylon Swab with breakpoint for Oral sampling	1	Room Temperature

**Composition:** Proprietary

## Quality Control:

### Appearance

Transparent Clear solution.

### pH at 25°C

6.8 ± 0.2

### Sterility

No bacterial or fungal growth was observed after 14 days of incubation.

## Storage and Shelf Life:

MDS Molecular Transport medium should be stored at 15-30°C. Use before expiry date given on the product label.

Shelf life of the product is 18 months.

## Packaging:

50/100 pcs per box.

## Instruction for use:

- Open the zip lock pack and take out the swab. Get sampling with swab from right body parts.
- Place the swab into the virus specimen tube all the way to the bottom of the tube.
- Cut the plastic shaft to fit swab in the tube.
- Tighten the cap, shake it several times and complete the sampling.

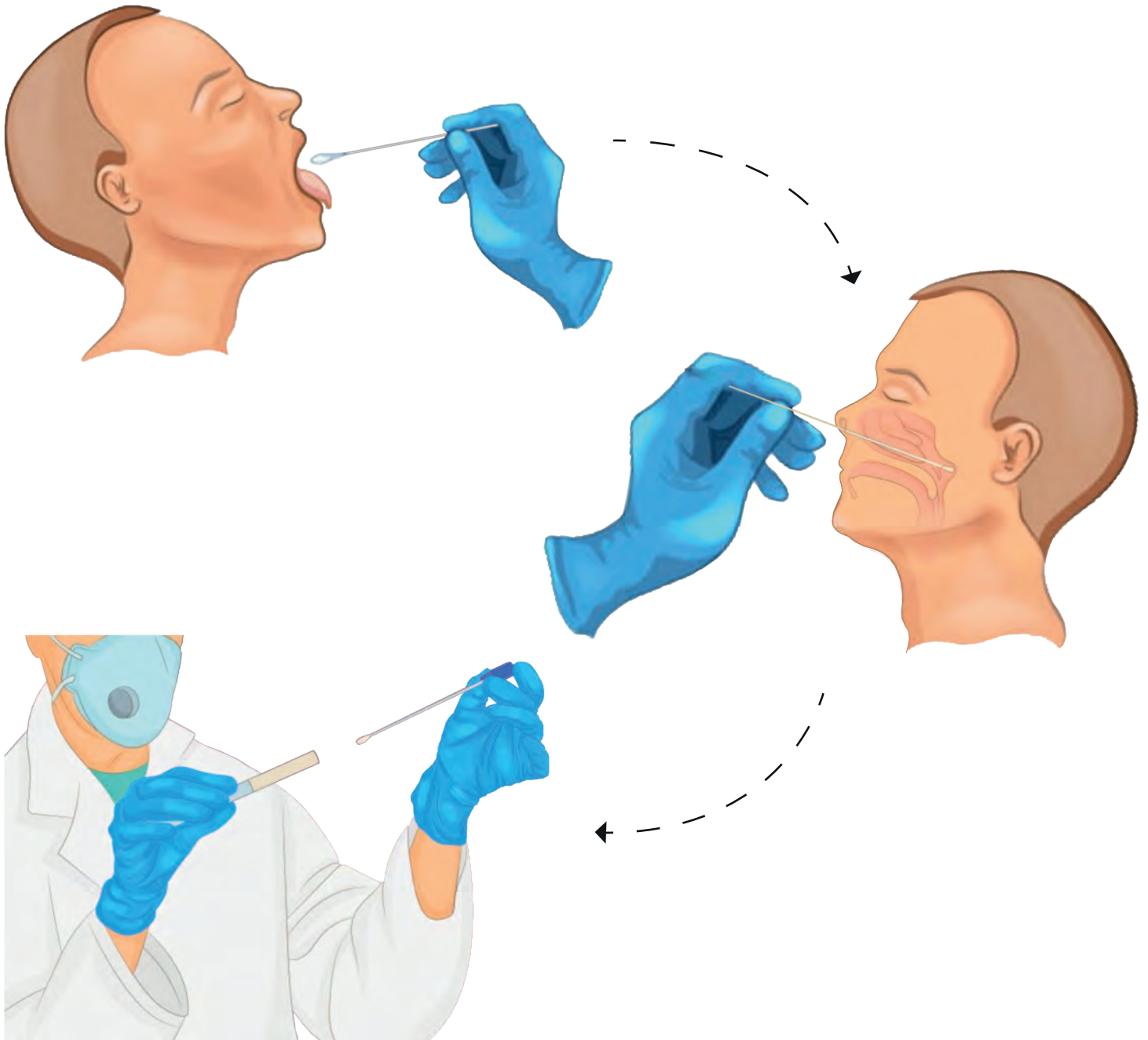
## Transport:

After collection, the specimen should be transported to the laboratory within 12 days with recommended storage temperature of 15-30 degree Celsius. If the delivery and processing exceed 12 days, specimens should be transported in dry ice and once in laboratory frozen at -70 degree Celsius or colder. The specimens should avoid repeated freezing and thawing.

## Accreditations



## Usage



## Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this kit insert. The information contained in this kit insert is based on our research and development work and is to the best of our knowledge true and accurate. Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.