

# PATHKITS

Product Information Sheet

## MDS™ Universal Transport Medium Kit (UTM Kit)

Product Code: MDS 600



**With 3 ml Universal Transport Medium in a 15 mL tube and 2 sterile Non-Cotton Synthetic swabs with breakpoint recommended for collection and transport of viruses such as COVID-19, Swine Flu Etc.**

### Product Description:

MDS™ Universal Transport Medium is a specially formulated medium for collection and transport of viruses. It is designed to maintain the optimum viability and virulence of the viral sample.

MDS™ Universal Transport Medium is made of Hanks' Balanced Salt Solution (HBSS) and contains protective protein antibiotics to control microbial contamination and buffers to control the pH.

The sterile non-cotton synthetic swabs on a plastic shaft with a break point 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.
4. To maintain infectivity of viruses, it is important that temperature be properly maintained for sample collection to processing.
5. Avoid repeated freeze-thaw of collected samples.
6. It is recommended to refer to standard procedures and published protocols for sample collection and processing.

## Composition:

Proprietary - with our without pH indicator

## Quality Control:

### Appearance

Clear Medium (Orange-Pink to Pink-Orange)

### pH at 25°C

7.3 ± 0.3

### Osmolality in mOsm/Kg H<sub>2</sub>O

500 - 600

### Sterility

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

## Storage and Shelf Life:

MDS™ Universal 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:

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

## Transport:

After collection, the specimen should be transported to the laboratory within 72 hours with recommended storage temperature of 2-8 degree Celsius. If the delivery and processing exceed 72 hours, 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

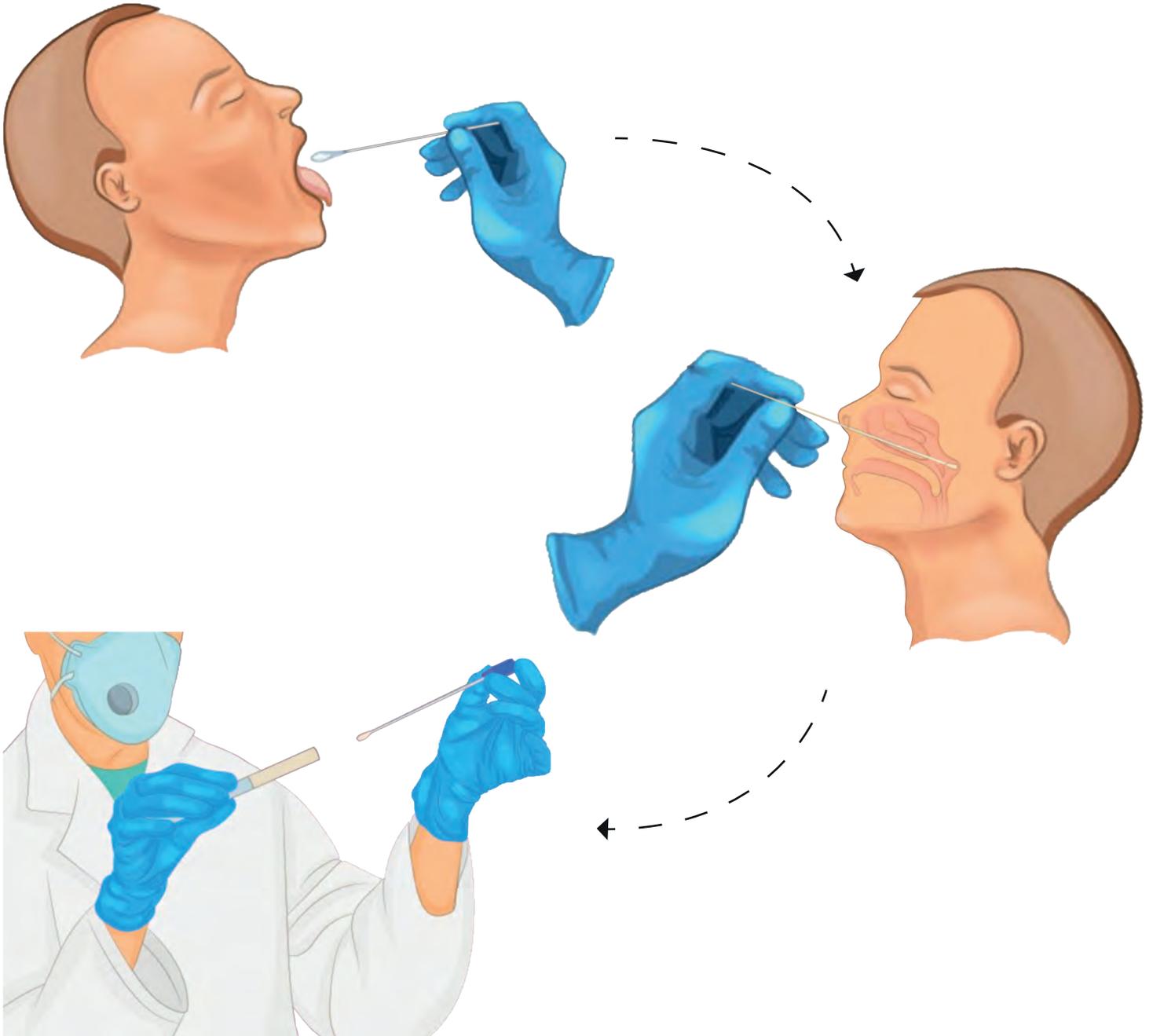


## Kit Content:

Product Code : MDS600

Description	Qty.	Storage
MDS™ Universal TransportMedium	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

## 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.