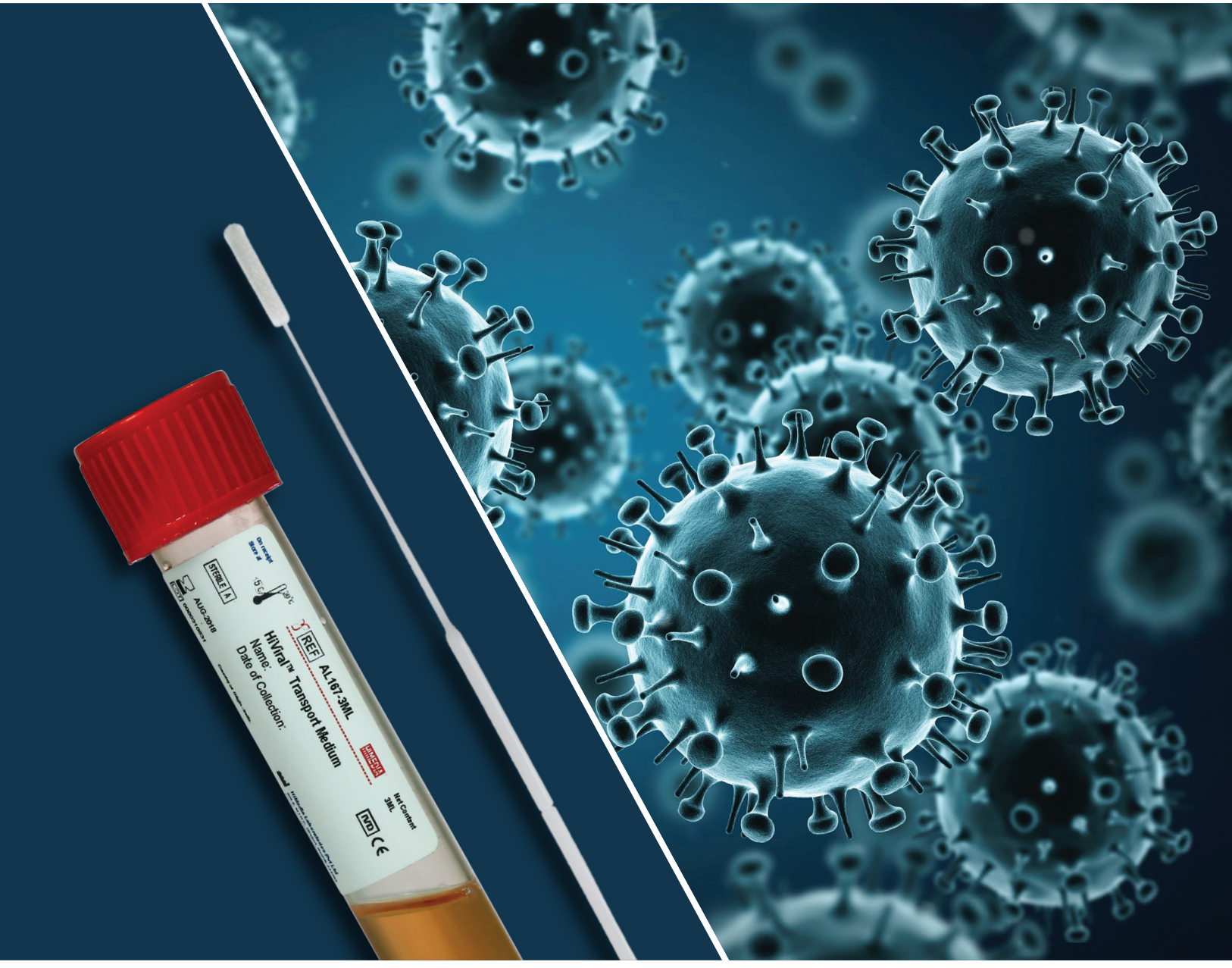
# Viral Transport Systems

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# Introduction

Viral Transport Kit is intended for collection and transportation of Viruses Chlamydiae, Mycoplasma and Ureaplasma from the collection site to the laboratory.

It contains HiViral™ Transport Medium that is designed to support a wide range of viruses such as *Herpes Simplex Virus*, *Adenovirus, Influenza Type A (H1N1, H5N2, H3N2)*, *Respiratory Syncytial Virus*, *Enterovirus*, *Mumps Virus* and *Rhinovirus*. It also contains a suitable swab either for nasopharyngeal, nasal or tracheal sampling.

# Swabs - Design, Type and Usage

## Flocked Nylon Swab

The ultra-flexible plastic shaft is ergonomically designed to optimize the collection efficiency with improved patient comfort. The capillary action between the nylon fiber strands facilitates strong hydraulic uptake of liquid samples. The sample stays close to the surface allowing easier and rapid elution, which results in minimum hands-on specimen processing.

- Suitable for nasal and nasopharyngeal sampling
- Available in unique molded breakpoint design

## Viscose Swab

The viscose swabs consists of exceptional particle entrapment capability, high absorbency that provides maximum retention of the sample. Its long perpendicular shaft is flexible and offers precise control while sampling.

- Suitable for collecting throat samples

## Polyester Swab

The polyester swab consists of a synthetic fiber spun around the sleek plastic shaft that offers excellent collection and release properties. This feature makes it ideal for intricate and delicate sampling.

- Suitable for collecting tracheal specimens, cells or fluids for DNA testing
- Available in both with and without unique molded breakpoint design

## Foam Tipped Swab

The high-absorbency foam tip is designed for retention and rapid elution of samples. It flexible tip reaches deeper into confined and narrow spaces allowing better patient comfort.

- Suitable for nasopharyngeal sampling
- Available in unique molded breakpoint design

# Procedure

## Step 1 :

Cut open the pouch to remove the swab.


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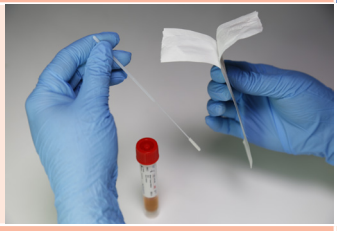
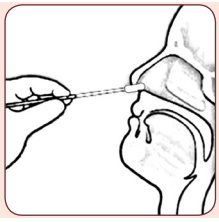


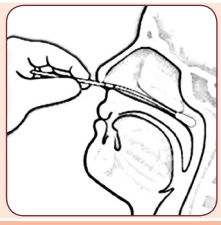
## Step 2 :

Specimen can be collected with the swab in the following manner.

### a. Nasal Swab

Nasal swab is collected for anterior turbinate. Insert dry swab into nostril and leave in place for a few seconds. Slowly withdraw it with a rotating motion.



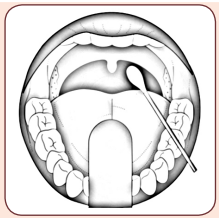


### b. Nasopharyngeal Swab

Insert the dry swab in to nostril and back to the nasopharynx. Leave in place for a few seconds. Slowly withdraw the swab with a rotating motion.

### c. Throat Swab

Ask patient to open his/her mouth. Swab the back of the throat near the tonsils thoroughly.



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## Step 3 :

Break the swab near the break point.

## Step 4 :

Insert the swab into the tube containing viral transport medium.

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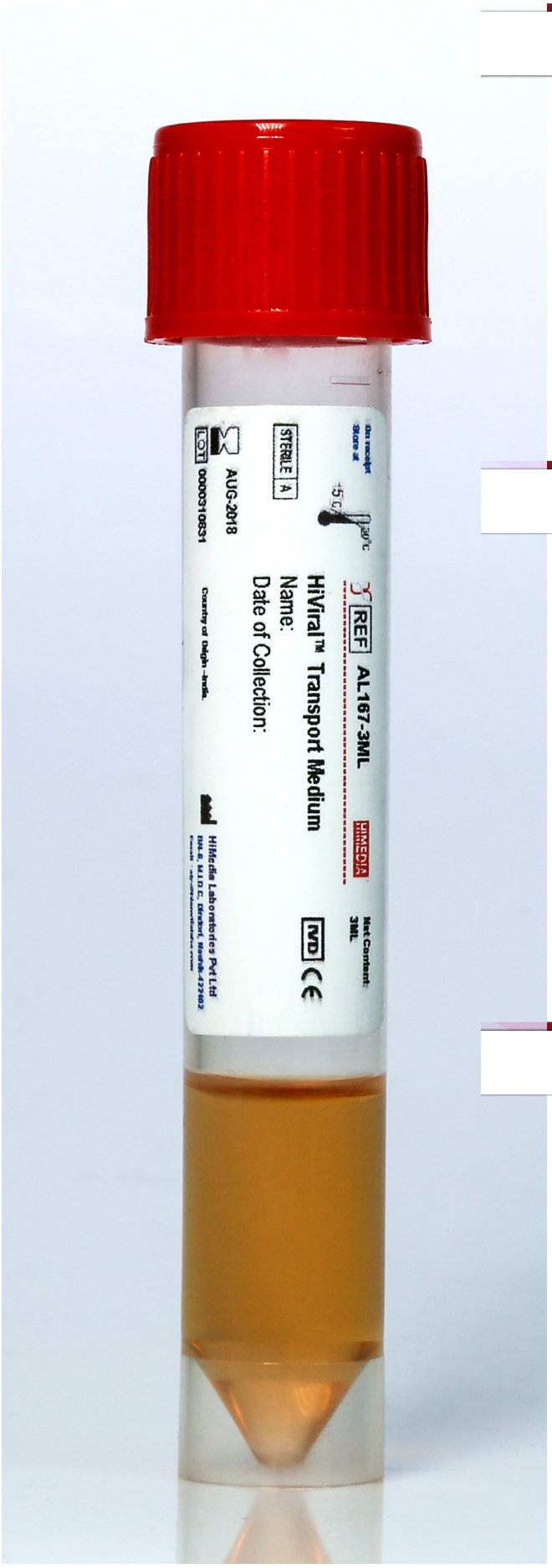
## Step 5 :

Close the cap tightly, label the sample correctly with the name of the patient and time and date of collection and transport the samples immediately to the laboratory for processing.




# HiViral™ Transport Media

- Antibacterial and antifungal agents prevents bacterial and fungal contamination
- Prevents long-term frozen storage of viruses
- Avoids drying up of the sample
- Allows long survival of the present virus
- Prevents the growth of other bacteria and fungi present in the specimen
- Stabilizes the viruses and offers maximum recovery

# Swabs

## SUITABLE FOR NASOPHARYNGEAL, NASAL OR TRACHEAL SAMPLES

- **Patient Friendly Design** : Ergonomic design and soft texture for maximum yield. Improves patient comfort and specimen collection
- **Uptake and Transfer** : Quantitative measurement and improved test sensitivity
- **Release** : Spontaneous elution of sample into liquid media
- **Applications** : Rapid antigen testing, EIA, molecular-based assays, DFA, cytology testing, bacteriology and virology culture

# Quality

- HiViral™ products are CE-marked and in compliance with EU legislation
- HiViral™ products are certified for in vitro Diagnostic (IVD) use

IVD

CE


**Peel-Pouch Packaging :**

Easy to peel pouches. Facilitates aseptic presentation of the swab.

**3ml Viral Transport Media in a 10ml self-standing tube :**

Eliminates bio-hazardous spill and aerophilization. Optimized for the growth of viruses.

**Swab Tips :**

- High absorbency
- Superior sample elution
- Quantitative volume transfer

**Unique Molded Breakpoint :**

Simply collect the sample and snip the swab.

# Ordering Information

| Product Name | Code | Pack Size |
|---|---|---|
| HiViral™ Transport Kit | MS2760 (3 mL Viral Transport Medium in a 10 mL self-standing tube and one sterile flocked nylon swab with breakpoint) | 50 Nos |
| HiViral™ Transport Kit (A) | MS2760A (3 mL Viral Transport Medium in a 10 mL self-standing tube, one sterile flocked nylon swab with breakpoint and one sterile viscose swab without breakpoint) | 50 Nos |
| HiViral™ Transport Kit (B) | MS2760B (3 mL Viral Transport Medium in a 10 mL self-standing tube, one sterile flocked nylon swab with breakpoint and one sterile polyester swab without breakpoint) | 50 Nos |
| HiViral™ Transport Kit (D) | MS2760D (3 mL Viral Transport Medium in a 10 mL self-standing tube and one sterile viscose swab without breakpoint) | 50 Nos |
| HiViral™ Transport Kit (E) | MS2760E (3 mL Viral Transport Medium in a 10 mL self-standing tube, one sterile flocked nylon swab and one sterile polyester swab with breakpoint) | 50 Nos |
| HiViral™ Transport Kit (F) | MS2760F (3 mL Viral Transport Medium in a 10 mL self-standing tube and one sterile polyester swab with breakpoint) | 50 Nos |
| HiViral™ Transport Kit (G) | MS2760G (3 mL Viral Transport Medium in a 10 mL self-standing tube and one sterile foam tipped swab with breakpoint) | 50 Nos |

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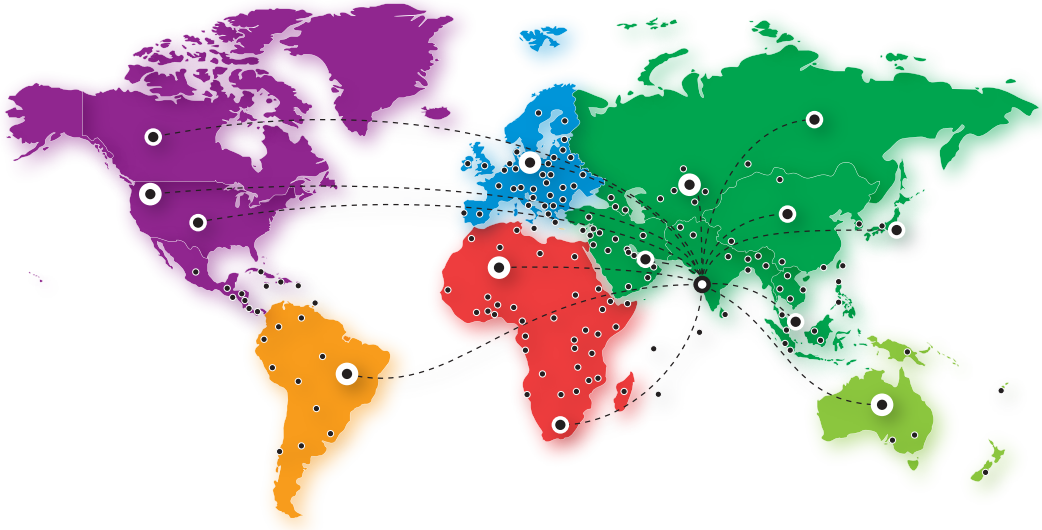

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