

Viral Transport Medium Tube

Manufacturer

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Product Name

Viral Transport Medium Tube

Specification

1-100 tubes/pack

Intended Use

This product is intended for the collection, storage and transportation of human nasopharyngeal swabs and oropharyngeal swabs.

Principle and Components

The solution of this product is based on Hank's buffer, the solution also contains inorganic salts, amino acids and protein stabilizing ingredients. The Viral Transport Medium Tube has a stable osmotic pressure, providing a stable delivery and storage environment for the samples of nasopharyngeal swab and oropharyngeal swab. The samples should be sent to the laboratory for testing after collection to determine whether the collected sample is infected with virus.

Main Components

Hank's buffer, bovine serum albumin (BSA), amino acids, gentamicin, amphotericin B.

Version:A/1

Effective Date: 2021-08-27

Storage Condition and Expiration Date

Store at 2 - 35°C up to 12 months. See the package for production date and expiration date.

Sample Requirements

The collected samples shall be transported at 2°C-8°C and submitted for detection immediately, and transportation and preservation period shall not exceed 48 h. If it needs to be stored for a longer time, please put it at -80°C.

Methods

1. Mark relevant sample information on the label of the Viral Transport Medium Tube before sampling.
2. According to different sampling requirements, carefully collect the sample from corresponding parts.
3. The specific sampling methods are as follows:
Oropharyngeal swab: Wipe the bilateral pharyngeal tonsils and the posterior pharyngeal wall with a swab.
Nasopharyngeal swab: Insert the swab gently into the nasopalatine part of the nasal canal, stop for a while, and then slowly rotate and pull back.
4. After sampling, put the swab into the tube containing preservative solution to avoid contact with other parts.
5. Break the swab tip, discard stick and cap the tube containing samples.
6. The collected sample should be transported to the laboratory within 48 h at 2°C-8°C.

Test results and Interpretation

Resampling is required if the preservation solution turns yellow or turbid after sample collection.

Limitations of Test Methods

1. The final test result will be affected if the collected sample is contaminated.
2. The final test result will be affected if the sample is not kept at the specified temperature.

Product Performance Index

1. Visual inspection: The solution should be a clear pink liquid.
2. Volume: It shall not be less than the identification quantity (3.0 ml).
3. PH: The pH value of the preservation solution should be 7.0-7.6 at 20°C-25°C.
4. Osmotic pressure at freezing point: 330±30 mOsm/kg.
5. Sterilization: This product is sterile before opening.
6. Sample preservation effect: The RT-PCR results is not affected when the sample is stored in Viral Transport Medium Tube at 2°C-8°C for 48 h.

Precautions

1. This product is for in vitro diagnostic use only.
2. Laboratory personnel should wear gloves and masks to take protective measures when using this product.
3. The waste liquid should be treated by humid heat sterilization.
4. It is forbidden to use when the product has expired or the preservation solution has turned yellow, or leakage is found.