



Product Information

Viral Transport Medium, with phenol Red and cryoprotectant

GenVT Viral transport Medium

3ml Viral Transport Medium in 15 ml tubes with sterile flocced nylon swab with breakable point

Used for collection and transport of viruses

Product code: GVT001

Product description: GenVT is specially designed medium for transportation storage and analysis of viral sample. It is designed for maintaining viability and virulence of samples.

GenVT medium contains HBBS (Hanks balanced salt solution), Antibiotics and antifungal agents to maintain pH and sterility of the medium. It also contains phenol red as pH indicator.

The medium contains cryoprotectant which helps in preserving viruses, if specimens are frozen for prolonged storage.

Composition: proprietary

Quality Control:

pH =7.3±0.3 at 25°C

Sterility: As per USP no Bacteria or fungal growth observed after 14 days

Method of sterilization: Filter sterilization by 0.22 micron filter.

Kit details:

Sno.	Details	Quantity	Storage
1	GenVT viral transport medium	15X3 ml	15-30 °c
2	Sterile nylon swab with breakpoint	30	RT

Method:

Sample collection: to preserve the infectivity of viral samples it is very important to maintain the temperature of the sample. Sample should be sent for analysis immediately after the collection to the testing laboratories.

The infectivity potential of viruses will decrease when exposed to higher temperature. Sample should be transported at cool temperature 2-8 °c.

Direction of uses:

(1) Remove the swab from the pouch and follow the collection process in the manner described below

Nasal swab: collect the nasal swab by inserting the posterior end of the swab into the nasal passage. Keep the swab for few seconds and takes out from the nasal passage with slow and rotating motion.

Nasopharyngeal swab:

Insert the dry swab into the nostril and reach at the back of the nasopharynx. Keep the swab for few seconds and take out slowly in rotating motion.

(2) After taking out the swabs put the swab stick into the transport medium and break the swab stick from the breakable point. Close the cap tightly

(3) Label the sample properly and transport the samples

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related 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.

Precaution

- (1) Isolation of viruses from sample is largely dependent on the process of sample collection and transportation.
- (2) Sample should be collected from patient by trained person following the safety precaution including proper sanitization and Use of PPE kit.
- (3) Sample should be stored at 2-8 °c after collection
- (4) Refer to the guidelines and published sop for sample collection, transportation and further processing

Storage and shelf life:

Shelf life: 1 year at 15-30° & 2 Year at 2-8 °C

Store at 15-30°C.

Shipment condition: Ambient

Use before expiry date given on the product label.

Do not use if package is found broken or damaged

References:

- (1) Leland, D.S. 1992. Concepts of clinical diagnostic virology, p. 3-43, In E.H. Lennette (ed.), Laboratory Diagnosis of Viral Infections, Second Edition. Marcel Dekker, Inc., New York.
- (2) Johnson, F.B. 1990. Transport of Viral Specimens. Clinical Microbiology Reviews 3(2):120-131.
- (3) Biosafety in Microbiological and Biomedical Laboratories (BMBL), current edition

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