

## HiCulture™ Transport Swabs w/ CVTR Medium

MS316

Recommended for transporting viral specimens at ambient temperature.

### Directions

Using the capped swab, provided along with the media containing tube, collect the sample to be transported. Discard the cap of the tube and insert the capped swab with the sample till the bottom of the medium. Tighten the cap firmly. The specimen will be preserved during transportation and also the viability of the organisms will be maintained but it will diminish over the time. Some growth of contaminants may occur during longer period of transport. After the transportation, the specimen should be inoculated in proper medium as soon as possible. The cultures on transport swabs must not be kept at room temperature for more than 24 hours.

### Principle And Interpretation

CVTR Transport Medium is a modification of Amies Transport Medium with charcoal (1), used for the maintenance and transport of specimens suspected of 'being infected with viruses'. Sodium chloride and potassium chloride are used to maintain osmotic strength of medium while charcoal helps to neutralize toxic compounds in the specimen. Sterile cotton swabs allow absorption of specimen material while polypropylene shaft allows semiflexibility to the swab stick, aiding in collection.

### Quality Control

#### Appearance

Sterile CVTR Medium in tubes with sterile cotton swabs.

#### Colour

Black coloured medium

#### Quantity of Medium

8ml of medium in tubes

#### Reaction

7.10- 7.50

#### Cultural response

Viability of viruses, Human adenovirus D and Herpes Virus Type I, was established in BHK Cell line for a period upto 96 hours. Viruses showed cytopathic effect on cell line.

#### Sterility test

Passes release criteria

### Storage and Shelf Life

Store between 5–25°C with caps firmly screwed. DO NOT FREEZE. Use before expiry date on label.

### Reference

1. Amies C.R., 1967, Can. J. Public Health, 58:296

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#### Disclaimer :

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