

# SARC VIRAL TRANSPORT MEDIUM (PINK)

With 3 ml Viral Transport Medium in a 15 mL Culture tube  
Recommended for collection and transport of viruses



## Product Description

SARC Viral transport medium is a collection and transport system from SAR CelluLabs, used for the collection, transport, and long-term freezing of clinical specimens containing viruses, and exclusively for COVID-19. Viral skin swab/ throat swab is an implement lightly rubbed against the skin or vesicles to collect sample. The sample is later sent to laboratories in transport medium. In the laboratory, viral cells are cultured and virus identification is performed by the laboratory technician. The success of virus diagnosis depends largely on the quality of the specimen and the conditions under which the specimen is transported and stored before being processed in the laboratory.

## Features of Viral Transport Medium (VTM- Pink)

SARC Viral Transport Medium (Pink) customized in a way to make them compatible with the following specific features and configurations:

- DMEM/F-12 is a 1:1 mixture of DMEM and Ham's F-12. This formulation combines DMEM's high concentrations of glucose, amino acids, and vitamins with F-12's wide variety of components.
- DMEM/F-12 with GlutaMAX supplement minimizes toxic ammonia build-up and improves cell viability and growth in an easy-to-use format.
- DMEM:F12 is a 50:50 mixture of DMEM and Ham's F12 media that has proven to be useful in a wide range of cell culture applications, especially when supplemented with fetal bovine serum (FBS).
- A solution of phenol red is used as a pH indicator. Its color exhibits a gradual transition from yellow ( $\lambda_{max} = 443 \text{ nm}$ ) to red ( $\lambda_{max} = 570 \text{ nm}$ ) over the pH range 6.8 to 8.2. Above pH 8.2, phenol red turns a bright pink (fuchsia) color. and is orange-red.
- Sodium bicarbonate is used as a buffer used to stabilize pH.
- Sodium pyruvate is used as a supplement added to improve cell survival. Pyruvate is an intermediate in the glycolytic pathway, so addition improves the cell's ability to metabolize glucose in the media to produce energy.
- FBS provides many non-defined growth promoting and survival enhancing factor to cells.
- Gentamycin and Amphotericin B used to suppresses the bacterial and fungal contamination by incorporating antibiotics in the medium.
- Sustains viability for culture and nucleic acid amplification test (NAAT) of viruses, in a single formulation by "preserving" and "stabilizing" them
- Prevents specimen drying

- Offers flexibility in transport temperature ranges—room temperature or refrigerated.

**Composition:** SARC VTM pink composition as per the Centres for Disease Control and Prevention (CDC) and Indian Council of Medical Research (ICMR) recommendations.

## Quality Control:

**Appearance** : Pink coloured, clear solution.

**pH** : 7.2 to 7.6

**Sterility** : No bacterial or fungal growth was observed after 14 days of incubation as per USP specification.

## Storage and Shelf Life:

- SARC Viral Transport medium should be stored at 2 to 30°C.
- Use before expiry date given on the artefact label.
- Shelf life of the product is 12 months.

## Precautions:

- Avoid repeated freeze-thaw of collected samples.
- Do not use the product if,
  - There are other signs of deterioration.
  - There is change in the colour of the medium,
  - There is evidence of leakage
- Specimen collection should be done in the acute phase of illness, and
- To maintain infectivity of viruses, it is important that temperature be properly maintained for sample collection to processing.

## Our Product Specialities:

- We SAR CelluLabs ensures:
- Designed for viral specimen collection, and transport.
- SAR VTM Transport media can be chosen as needed.
- Easy to tear package, effectively avoid cross contamination.
- Supplied with Biohazard specimen bag, ensure transport safe and reliable.
- We offer Viral Transport Medium (VTM) ready to use with or without swab.

Through our experience in Clinical Grade Collections, we have developed a proven approach to delivering the products with the highest level of quality and compliance.

- Autologous Use
- Consistent Quality
- Customizable
- Global Services
- Reliable Delivery.



# SARC VIRAL TRANSPORT MEDIUM (PURE)

With 3 ml Viral Transport Medium in a 15 mL Culture tube  
Recommended for collection and transport of viruses



## Product Description

SARC Viral transport medium is a collection and transport system from SAR CelluLabs, used for the collection, transport, and long-term freezing of clinical specimens containing viruses such as H1N1, FLU, bird FLU and HFMD, etc., and exclusively for COVID-19. Viral skin swab/ throat swab is an implement lightly rubbed against the skin or vesicles to collect sample. The sample is later sent to laboratories in transport medium. In the laboratory, viral cells are cultured and virus identification is performed by the laboratory technician. The success of virus diagnosis depends largely on the quality of the specimen and the conditions under which the specimen is transported and stored before being processed in the laboratory.

## Features of Viral Transport Medium (VTM-Pure)

SARC Viral Transport Medium (Pure) customized in a way to make them compatible with the following specific features and configurations:

- Hanks' Balanced Salt Solution (HBSS) is used for a transporting cells or tissue and preparing reagents.
- Formulations with calcium and magnesium are generally used as transport media or for reagent preparation.
- FBS provides many non-defined growth promoting and survival enhancing factor to cells.
- Gentamycin and Amphotericin B used to suppresses the bacterial and fungal contamination by incorporating antibiotics in the medium.
- Sustains viability for culture and nucleic acid amplification test (NAAT) of viruses, in a single formulation by "preserving" and "stabilizing" them
- Prevents specimen drying.
- Offers flexibility in transport temperature ranges—room temperature or refrigerated.

**Composition:** ARC VTM pure composition as per the Centres for Disease Control and Prevention (CDC) and Indian Council of Medical Research (ICMR) recommendations.

## Quality Control:

**Appearance** : Transparent, Pure solution.

**pH** : 7.2 to 7.8

**Sterility** : No bacterial or fungal growth was observed after 14 days of incubation as per USP specification.

## Storage and Shelf Life:

- SARC Viral Transport medium should be stored at 2 to 30°C.

- Use before expiry date given on the artefact label.
- Shelf life of the product is 12 months.

## Precautions:

- Avoid repeated freeze-thaw of collected samples.
- Do not use the product if,
  - There are other signs of deterioration.
  - There is change in the colour of the medium,
  - There is evidence of leakage
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