

1. Product Definition

TÜSEB DiaVTM Phenol Free Viral Transport Medium contains a medium for the transport and storage of viral agents in nasopharyngeal-orpharyngeal swab, sputum, bronchoalveolar lavage and saliva samples.

2. Product Description

TÜSEB DiaVTM Phenol Free Viral Transport Medium is a liquid medium used during transport of samples from the collection site to the testing laboratory for further investigations, including classical cell culture methods, diagnostic tests, and molecular biology techniques (including qPCR). This medium allows sensitive organisms to be preserved for relatively long periods at room temperature.

It ensures that the samples taken are transported and stored in the best possible way, and at the same time, it reliably prevents the contaminating growth of microorganisms such as bacteria and fungi. Specially its contents and production steps comply with CDC recommendations.

Some of the viruses and bacteria that can be protected in TÜSEB DiaVTM Phenol Free Viral Transport Medium are:

- SARS-CoV-2
- Influenza Type A
- Influenza Type B
- Respiratory Syncytial Virus (RSV)
- Parainfluenza
- Cytomegalovirus (CMV)
- Human Papilloma Virus (HPV)

TÜSEB DiaVTM Phenol Free Viral Transport Medium is a ready-to-use 2 mL clear coloured liquid in plastic tubes.

3. Instructions for Use

Working in the fields;

- After taking a sample, the swab is placed into the tube. The cap is tightly closed and the tube is identified. Then, it is gently turned upside down 3 - 4 times and the tube is kept in an upright position on the stand to make it ready for transfer.
- Samples obtained by following standard procedures for collecting sputum, bronchoalveolar lavage and saliva are transferred into TÜSEB DiaVTM Phenol Free Viral Transport Medium tube and tightly closed.

Working in the laboratory; Tubes containing samples should be vortexed at medium speed for 5 seconds before use.

It is suitable to take the required sample amount directly from TÜSEB DiaVTM Phenol Free Viral Transport Medium and use directly for qPCR studies.

4. Warnings and Considerations:

- This product is designed for professional use.
- The sample should be taken by trained authorized personnel according to the health institution's instructions.
- RNase-DNase free micropipette tips should be used.
- Do not use if the tube is damaged, leaking or appears cloudy.
- All samples that will be tested should be considered infectious and handled strictly under laboratory biosafety requirements.
- The product is disposable. To avoid potential contamination risks, each tube should be used for a single use.
- This product should be disposed of in Accordance with local medical waste disposal guidelines.

5. Storage and Shipping Conditions

Shelf life is 18 months; stored at 2-25 °C. Do not freeze, do not expose to direct sunlight and do not use expired products.

After the sample is collected, sample should be sent to the laboratory within 72 hours at 2-8 °C. If a delay is expected in analyses containing samples, samples can be stored at -80 °C for 24 months. (Repeated freeze-thaw of samples should be avoided as this may reduce the recovery of living organisms.)

