

## **CM 22,700 – MOLECULAR TRANSPORT MEDIUM**

### **INTENDED USE**

For the stabilization, transportation and inactivation of infectious viral agents.

### **PRODUCT SUMMARY AND EXPLANATION**

Molecular Transport Medium is intended for the safe collection, stabilization, transportation and inactivation of infectious viral agents from the collection site to the testing laboratory.

Molecular Transport Medium (Viral Lysis Transport Medium) is designed for stabilization, inactivation and transportation of potentially infectious, unprocessed nasal and throat swab samples suspected of containing infectious viruses. It is designed to kill the viruses whilst preserving the released intact nucleic acids for molecular diagnostics. The composition of the medium has been optimized in such a way that it disturbs/lyse lipid membranes, destroys proteins including enzymes and nucleases which helps in keeping the naked RNA stable and well preserved within the sample.

Molecular Transport Medium (Viral Lysis Transport Medium) makes the sample safe for transportation, shipment and processing at ambient temperature and allows accurate detection of microbial DNA/RNA using molecular method. Unlike traditional transport medium, molecular transport medium does not keep the viruses viable, rather only maintains the integrity of the viral genome. This leads to improved test performance with better turn-around time, sensitivity, specificity, precision and reproducibility as compared to traditional tests. Moreover, considering the potential infectivity of the suspected samples and the risk involved in handling them during collection and transport, sample inactivation is desired for ensuring safety. This medium has been customized for the inactivation of potentially infectious biological pathogens ensuring safety during handling, transport and processing. Thereby, assuring safe and risk-free handling of suspected samples.

### **COMPOSITION**

Components	Composition
<b>Molecular Transport Medium (Viral Lysis Transport Medium)*</b>	Proprietary

\*1.5ml medium in 10-15 ml tube

### **QUALITY CONTROL SPECIFICATIONS**

<b>Appearance</b>	:	Colorless
<b>pH (at 25°C)</b>	:	8.0
<b>Sterility Check</b>	:	Passes release criteria

### **INSTRUCTION FOR USE**

Label the sample correctly with name of patient, time and date of collection. Inoculate the sample and transport the samples immediately to the laboratory for processing.

### **STORAGE AND SHELF LIFE:**

Store at room temperature, away from bright light. Use before the expiry date. Sample collected can be stored at ambient temperature for 7 days, 2-8°C for 15 days, -20°C for 1 month and -80°C for 1 year.



**QTY.**

Quantity

**LOT/  
B. NO.**

Lot / Batch Number



Temperature Unit



Manufacturer



Best Before

**GMP**

Certification of  
Good Manufacturing Practices

**REF**

Catalogue No.

**EC REP**

Authorized Representative

MedNet GmbH  
Buckrose 18,  
48153 Münster, Germany



European Conformity



Consults Instructions for use :



QR  
Code

**IVD**

For In Vitro Diagnostic Use

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.  
**\*For Lab Use Only**

