CM 22,731 – VIRAL TRANSPORT MEDIUM W/ GLASS BEADS

INTENDED USE

Forcollectionandtransport of clinical specimenforrecovery of viral agents.

PRODUCT SUMMARY AND EXPLANATION

A Viral Transport Medium is intended for the collection and transport of clinical specimens containing viruses, chlamydiae, mycoplasmas or ureaplasmas fromthecollection site to the testing laboratory. Viral Transport Medium is designed to maintain viral viability and transportviruses in active form for isolation. The peculiar design of the flocked swab ensures optimal elution of the specimen intothe transport medium. The viral transport medium contains essential buffers and antibiotics required for maintainingthe viability of the viruses during transport. The medium is also recommended by CDC and WHO for collection andtransport of Coronavirus. Glass beads in each tube aid in the release and dispersion of patient material and viral particlesfrom the swab.

COMPOSITION

Components	Composition
Viral Transport Medium*	Proprietary
Glass Beads	-

*1.3ml mediumin5-10mltube

PRINCIPLE

Theviral transport medium consists of Hanks Balanced Salt Solution modified and enriched with bovine serum albumin, cysteine, gelatin, sucrose and glutamic acid. The pH is quenched with buffer HEPES. Phenol red is used as a pH indicator. Vancomycin, amphotericin B and colistin have been added to the medium to inhibit the proliferation of competing bacteria and yeasts. The medium is isotonic and lacks toxicity to the mammalian host cells. The presence of sucrose acts as a cryoprotectant that facilitates the viruses and chlamydia if samples are frozen (-70 ° C) for long storage.

QUALITY CONTROL SPECIFICATIONS

Appearance	:	Orange-red colour, clear solution
pH (at 25°C)	:	7.3± 0.2
Sterility Check	:	Passes release criteria

INSTRUCTION FOR USE

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

TRANSPORTATION OF SAMPLE:

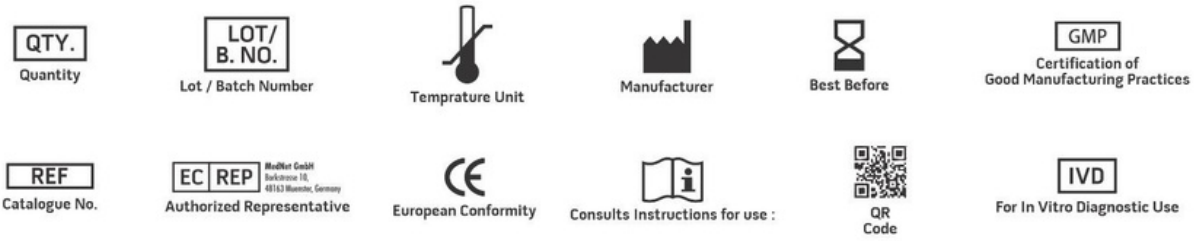
Tomaintain optimumviability,transport the specimen to the laboratory as soon as possible. Best recovery is obtained when specimens are refrigerated at 2-8°C or kept on wet ice following collection and while in transit. If there will be long delay before processing, it is suggested that specimen should be frozen at -70°C.

STORAGE AND SHELF LIFE:

Theviraltransport mediumshould be stored at 15-30°C before sample collection and 2-8°C after sample collection. Use before the expiry date.

PRECAUTIONS

1. Isolation of viruses will largely depend on proper specimen collection, timing of sample collection and processing of samples.
2. Do not use the product if, (i) there is change in the color of the medium, (ii) there is evidence of leakage and (iii) there are other signs of deterioration.
3. Specimen collection should be done in the acute phase of illness.
4. Avoid repeated freeze-thaw of collected samples.
5. To maintain infectivity of viruses, it is important that temperature be properly maintained for sample collection to processing.
6. It is recommended to refer to standard procedures andpublished protocols for sample collection and processing.



NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

***For Lab Use Only**