

Advancells™ Molecular Transport Medium Kit

With 3 ml of Molecular Transport Medium in a 10 mL sterile self standing tube and 2 sterile, individually packed swabs with breakpoint recommended for collection and transport of COVID-19.

Product Code: ADC/VTM/22

Product Description:

Advancells™ Molecular Transport Medium is specially designed and formulated medium for collection and transportation of COVID-19, further limiting its spread during collection, and transportation. At the same time, the medium is designed to maintain the optimum virulence characteristics of the sample; even after its long term storage.

Advancells™ Molecular Transport Medium is prepared with a mix of suitable buffers and protective proteins; in order to inactivate its pathogenic virulence and stabilizing important nucleic acids for downstream molecular applications. We have specifically optimized this product for molecular testing and reducing the time for its extraction; in contrast to other widespread available products that inhibit optimal molecular testing.

The kit is also composed of sterile, individually wrapped flocked nylon swabs that are specific for collection of Nasal as well as Throat specimen. Both the swabs are with breakpoint, promoting the ease of collection; and can be transported in a single transport tube supplied along with the kit.

In order to facilitate leakage free transport, the kit is prepared with a pack size of 50 transport vials; kept in an upright position.

The key features of the Advancells™ are

- **Not limited to just COVID-19 collection**
- **Limiting the spread of viruses in healthcare set up**
- **Unique Design and specific formulations**
- **No cold chain required during transportation**
- **For use with COVID-19, Influenza, HIV, HCV, TB and more**

Kit content:

Description	Quantity	Storage
Advancells™ Molecular Transport Medium	3 ml	Room Temperature
Sterile Swabs w/o breakpoint (With plastic shaft for throat and with wooden stick for nasal)	2 Nos.	Room Temperature

Composition:

Proprietary

Quality Control:

- **Appearance**
Transparent solution with Pinkish Red Tinge.
- **pH at 25°C**
7.3 ± 0.3
- **Osmolality (mOsm/Kg H2O)**
270mOsm - 290mOsm

- **Sterility**

No bacterial or fungal growth was observed after 14 days of incubation.

Instruction for use:

1. Open the pack and take out one tube along with the swabs.
2. Make sure that the lid of the tube is tightly closed; and not opened till collection.
3. Mention all the details on the tube; and get the sampling with swab from proposed regions.
4. Immediately after sampling, place both the swabs in the tube.
5. Tighten the cap, shake it several times, wrap it along with the parafilm sealed to avoid leakage and complete the sampling.

Precautions:

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

Storage and Shelf Life:

Advancells™ Viral Transport medium should be stored at 15- 30°C. Use before expiry date given on the product label. Shelf life of the product is 12 months

Packaging:

50pcs per box

Transport:

After collection, the specimen should be transported to the laboratory within 72 hours and can be transported at a temperature of 15-20 degree Celsius.

Disclaimer: User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this kit insert. The information contained in this kit insert is based on our research and development work and is to the best of our knowledge true and accurate. Products are intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.