

Virus Sampling Kit Instructions

Virus Sampling Kit (Inactivated)



Specification 20 pcs / box

Intended Use

This product is designed for the inactivation of a variety of viruses, such as clinical 2019-ncov, influenza, avian influenza, hand-foot-mouth, measles virus, norovirus, rotavirus and other virus specimens, and for the transportation of the virus nucleic acids. Samples collected with this product can be used for the detection of viral nucleic acid. After sampling, nucleic acid extraction kit and nucleic acid detection kit can be used for the extraction and detection of the viruses.

Description

Virus inactivation agents and RNase inhibitors, mainly guanidine, are added into the Tris-HCl buffer solution to lyse the virus and release the nucleic acid and protect them from degradation. The samples are sent to the laboratory for follow-up testing to determine whether been infected with some kinds of viruses.

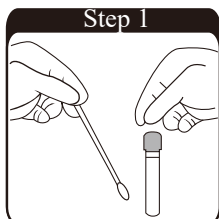
Main Ingredients

Per piece:

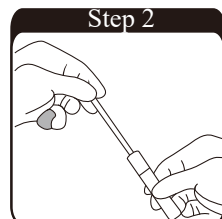
	Viral Transport Medium (VTM)	Swab Count
MT0501-1	1 sampling tube with 3.5mL VTM	1 swab
MT0501-2	1 sampling tube with 3.5mL VTM	2 swabs
Main Ingredients	Tube size: 100mmx16mm Tris-HCl buffer solution; Guanidinium isothiocyanate; Sarcosyl	

Specimen Collection Procedures

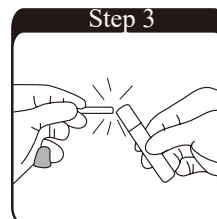
1. Use a swab to sample in the nose or throat according to different sampling requirements.
 - Nasopharyngeal swab: Gently insert the swab head into the nasal condyle of the nasal passage, stay for a while and then slowly turn it out. Wipe the other nostril with another swab, immerse the swab head in the sampling solution, and discard the tail.
 - Oropharyngeal swab: Wipe the bilateral pharyngeal tonsils and posterior pharyngeal wall with the swab, immerse the swab head in the sampling solution and discard the tail.
2. Insert swab into the sampling tube.
3. Break shaft slowly at the pre-scored line, and tighten the tube cap.
4. Mark the relevant sample information on the label of the sampling tube.
5. Freshly collected clinical specimens can be delivered to the laboratory within 48 hours at room temperature. We recommend to store the sample in the -80°C if it couldn't be detected within 48 hours.



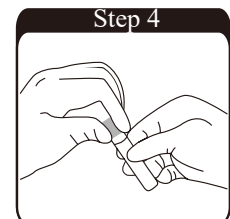
1. Remove cap from tube. Collect nasopharyngeal or oropharyngeal specimen with a swab.



2. Insert swab into the sampling tube.



3. Break shaft slowly at the pre-scored line.



4. Tighten the screw cap. Label with appropriate patient information.

Storage

Temperature: 5°C~25°C

Period of validity: 12 months

Please refer to the outer box for the manufacture date and expiration date.

Qualification of Specimen

Samples collected with nasopharyngeal or pharyngeal swabs can be transported at 5°C~30°C and submitted for inspection immediately. After sampling, transport and storage time for specimen should be no longer than 48hrs.

Sample Deterioration

Re-sample with a new piece of kit if there is a leakage or the cover drops.

Limitations

1. Serious contamination caused by improper operation will affect the final test result.
2. Storing samples at inappropriate temperature will affect the final results.

Product Index

1. Viral Transport Medium

- Appearance: Clear colorless liquid
- Volume: Not less than the indicated amount (3.5mL)
- pH: 7.8~8.2 at 20°C~25°C
- Sterility Testing: Negative

2. Swab Length: 15cm±0.8cm

3. Glass Bead Diameter: 3.0mm±0.8mm

4. Product Performance

The virus samples are stored in the virus sampling kit at 5°C~30°C for 48hrs, and the RT-PCR result for nucleic acid test remain positive.

5. Batch-to-batch Stability

Three consecutive batches of products should meet the requirements of the above mentioned point 1~3.

Notes

- Do not touch the collection liquid directly with human body.
- This product is for in vitro diagnostic use only.
- This product is intended for using by trained laboratory personnel only.
- Gloves and masks should be worn for personal security while using the product.
- Discarded specimen collection liquid should be treated by moist heat sterilization.
- Do not use the VTM if it is out of date or becomes leaked.
- This product should be stored and transported at room temperature, generally in 5°C~25°C.
If the storage temperature is too low, crystallization may occur. If precipitation appears, it can be redissolved at room temperature and this will not affect the performance of the product eventually.
- Nucleic acid extraction using a kit should be done before PCR tests. The sampling solution can't be directly used as templates for following PCR tests because the solution contains guanidine, which will interfere with the PCR reactions.

Basic Information

Registrant / Manufacturer: YOCON Biology Technology Company

Address: 304, Third Floor, A Building, No.7 Fengxian Middle Road, Haidian, Beijing, China.

Tel: 0086-10-58711655 www.yocon.com.cn

Specification Approval Date And Modification Date July 17, 2020