



# Viral Sample Preservation Solution (Inactivated)

**Storage Condition** : Store above 2°C up to 12 months.

## Product Introduction

This product provides a simple, safe and effective method for viral sample preservation, which can keep the viral nucleic acid (RNA) in the sample for up to one week at room temperature without degradation, and guarantee to obtain high-quality DNA/RNA required by downstream experiments. The preservative solution contains protein denaturant, which can inactivate virus and bacteria by destroying viral envelope or other protein structure, so as to ensure the safety of transportation and personnel detection. The samples stored in this product can be used for subsequent nucleic acid extraction and other experiments, and suitable for relevant studies of diseases related to viruses.

## Precautions

1. After collection, the viral nucleic acid in the sample can be stored at room temperature for up to 1 week, which provides convenience for transportation and storage, and greatly reduce the cost of refrigeration.
2. It can inactivate the virus, and address biosafety concerns in the process of sample transportation and experimental operation after collection, and ensure the safety of transportation and research personnel.
3. Simple and easy to use, samples can be collected at home.
4. After the stored samples are extracted by most commercial kits, various gene detection and analysis experiments can be performed, such as PCR, qPCR, NGS, SNP, etc.

## Methods

1. Clean hands before sampling, tear open the package, and take out the swab. Be careful not to touch the swab head.

- 2 According to different sampling requirements, carefully collect the sample from corresponding parts.
3. After sampling, put the swab into the tube containing preservative solution to avoid contact with other parts.
4. Break the swab tip, discard stick and cap the tube containing samples.
5. The specific sampling methods are as follows:  
Throat swab: Wipe the bilateral pharyngeal tonsils and the posterior pharyngeal wall with a swab over the base of the tongue.  
Nasal swab: Insert the swab gently into the nostrils, stop for a while, and then slowly rotate and pull back.

## Notes

1. Check the package before use it. If damaged, it is strictly prohibited to use.
- 2 This product can be stored at room temperature for up to 1 week. It can be kept at -80 C for prolonged periods. Due to the individual differences of samples, the specific shelf life is different.
3. It's suitable for all the commercial kits for nucleic acid extraction. We recommend to use the nucleic acid extraction kit produced by Jiangsu CoWin Biosciences Co., Ltd.

## Manufacturer

Jiangsu CoWin Biotech Co., Ltd

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Version: A/1

Effective Date: 2020-06-10