

# Disposable Virus Sampling Tube

**Product Name**

Disposable Virus Sampling Tube

**Model No.**

ST08

**Packing Components**

Cat No.	Volume of Tube	Volume of Preservation Solution	Package Size	Specification of 1 Set
ST08-5	10 ml	3 ml	50 sets/box	1 tube & 5 swabs
ST08-10	10 ml	6 ml	50 sets/box	1 tube & 10 swabs

**Intended Use**

ST08 is used for the mixing collection, transportation and storage of virus specimens. They can rapidly release nucleic acids of enveloped virus, such as coronavirus from nasopharyngeal swabs, oral swabs and saliva samples. After nucleic acid is released, it can be directly used as a template for nucleic acid amplification, such as PCR, qPCR, RT-qPCR and isothermal amplification without nucleic acid purification.

**Storage Conditions and Shelf Life**

Stored at 5 ~ 25°C, with a validity period of 12 months.

**Principle of Preservation**

The surfactant contained in the storage solution in the sample tube can inactivate the virus quickly. After releasing the nucleic acid in the sample, the nucleic acid protection component can effectively preserve nucleic acid.

**Requirements for Sample**

- 1.This product is suitable for directly releasing nucleic acids in nasopharyngeal swabs, oral swabs and saliva samples.
- 2.This product is only used for the collection of enveloped virus, such as SARS-CoV-2, SARS-CoV, etc.
- 3.Samples should be kept timely after collection to avoid degradation or contamination.

**Method of Use**

- 1.Take out the collection swab and collect the specimen;
- 2.Place the tip of swab into the tube;
- 3.Snap/cut off the stick of the swab, and leave the tip in the tube;
- 4.Tighten the tube cap;
- 5.Collect the remaining 4 or 9 swabs in sequence according to the above method. Put the completed swabs into the same collection tube, and the action should be gentle to avoid aerosol generation. After collecting 5 or 10 swabs in a row, tighten tube cover to prevent spillage.

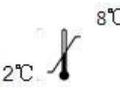
If there are less than 5 or 10 swabs in the collection tube, a special mark should be made and recorded.

- 6.Mix well on the vortex oscillator and leave at room temperature for 10 minutes.
7. Pipette the processed sample as the amplification template, and the amount taken should not more than 50% of the reaction system. For example, for a 50 µl test system, samples should not exceed 25 µl.

**Notes**

1. Be sure to read the instructions before using the kit.
2. Laboratory operators shall be professionally trained in molecular biological methods or have relevant laboratory operating qualifications, and the laboratory shall have reasonable biosafety preparedness facilities and protective procedures.
3. The sampling tubes with specimens can be transported at RT, but it's suggested to be transported to the laboratory within 48 hours under the condition of 2-8°C. Samples can be tested within 24 hours can be stored at 4°C. Samples that cannot be tested within 24 hours should be stored at -70°C or below (if there is no storage condition of -70°C, the samples should be stored temporarily in the refrigerator at -20°C).
4. Although the preservation solution of this kit contains virus inactivated components, contamination of the virus during rational external sampling cannot be ruled out. Therefore, operators must be protected in the same way as infectious samples are handled and all operations must be performed in a qualified laboratoryage is damaged.
5. Waste shall be strictly treated in accordance with relevant regulations before being discarded.

**[Explanation of Marks]**

	The product is used in vitro, please don't swallow it		Please don't reuse it
	Validity		Please read the instruction book carefully before using
	Warning, please refer to the instructions in the annex		Manufacturer
	Temperature scope within which the product is reserved		Batch number
	European union authorization representative		Keep dry
	Avoid overexposure to the sun		Don't use the product when the package is damaged
	The product meets the basic requirements of European in vitro diagnostic medical devices directive 98/79/EC		

**[Basic Information]**

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