

## Disposable Virus Sampling Tube Instructions For Use

Used for the collection, preservation, and transportation of human respiratory tract virus samples.  
Store at 2°C to 30°C.

### PRODUCT NAME

Disposable Virus Sampling Tube

### MODEL

I, II, III

### SPECIFICATION

1mL/tube, 2mL/ tube, 3mL/ tube, 5mL/ tube, 10mL/ tube, 20mL/ tube

Note: Number of swabs choose as needed.

### INTENDED USE

Used for the collection, preservation, and transportation of human respiratory tract virus samples.

### TEST PRINCIPLE

The swab consists of a swab rod and a sampling head. The elongated Acrylonitrile Butadiene Styrene rod can effectively protect the target tissue from injury; the sampling head is made of flocking fiber, which can effectively adsorb sample on the swab head to achieve the purpose of collection. Virus preservation solution in tube include type I, which can maintain virus activity, type II and type III can pyrolysis virus to release nucleic acids, and preserve these nucleic acids.

### MAIN COMPONENTS

Part	Components
Swab	Flocking fiber head, Acrylonitrile Butadiene, Styrene rod
Type I preservation solution	Hank's basic solution, Antibiotics Bull Serum Albumin Biological buffer, etc.
Type II preservation solution	Inorganic salts, Buffer solution etc.
Type III preservation solution	Inorganic salts, Surfactants, Buffer solution etc.

### STORAGE AND STABILITY

#### 1. Storage

- 2~30°C, Usually at room temperature.
- Do not expose to strong sunlight irradiation.

#### 2. Stability

- 2~30°C, Usually at room temperature, valid for 12 months.

### SPECIMEN REQUIREMENT

Oropharyngeal/nasopharyngeal swab samples, serum, plasma, alveolar lavage fluid, virus culture, etc.

Note: Please collect samples according to the clinical laboratory sample collection guidelines.

### PROCEDURE

#### • Swab sample

1. Sufficiently mix the solution before sampling.
2. Put on gloves and take samples at the corresponding sites with the sampling swab.
3. Remove cap from the tube. Place the swab into the tube. Make sure liquid covers the swab tip.
4. Break or cut the end of the swab at the break point and screw the cap on tightly.
5. Mix the tube upside down 5 times, store upright in a holder.
6. Label the tube with patient information in accordance with your laboratory requirements.

#### • Serum, plasma, alveolar lavage fluid, virus culture

1. Keep the tube upright and unscrew the lid, taking care not to spill the liquid in the tube.
2. Add ≤500µL sample into the tube, tighten the cap and mix it upside down for 5 times, and mark relevant sample information on the label of the sample tube.

After collection, the specimen should be transported within 48 h to lab, and for type I, preservation temperature is 2 ~ 8 °C, for type II, III, the required temperature is 2~25 °C; if the samples cannot be sent to the laboratory within 48 hours, they should be stored at -20°C or below, and should be sent to the corresponding laboratory within 1 week. The specimen should avoid repeated freezing and thawing.

### PRODUCT PERFORMANCE

#### 1. Appearance

Clear fluid, without precipitation or flocculent.

#### 2. pH value

- type I: At room temperature, pH value 8.3-8.7
- type II: At room temperature, pH value 7.3-7.7
- type III: At room temperature, pH value 7.8-8.2

#### 3. Packing volumes

It should not be lower than marked.


















### 4. Stability

Products keep stable for more than one month after the expiry date.

### CAUTIONS

1. The sample collection condition, time and volume are important factors for obtaining reliable results. Please follow the specimen collection guidelines recommended.
2. It is forbidden that the preservation solution directly touches person. If it contacts with the skin, please rinse with clean water.
3. Do not soak the swab into preservation solution before sampling.
4. This product is disposable, only used for collection, transportation and preservation of clinical virus specimens, and should not be used beyond the intended purpose.
5. Do not use after the expiration date or if the package is damaged.
6. The collection of virus specimens should be carried out by professionals in accordance with the sampling procedures strictly; When test the specimens, operate in a laboratory meet the required safety level.

### SYMBOLS

	Manufacturer
	Date of manufacture
	For <i>in vitro</i> diagnostic use only
	Lot number
	Product code
	Use by
	Store between 2-30°C
	European Conformity
	Consult Instructions For Use
	Tests per kit
	Do not use if package is damaged
	Caution
	Keep away from sunlight
	Keep dry
	Biological risks
	Upper
	Authorized representative in the European Community

St. 01.07.2021