

Disposable Virus Sampling Kit (Inactivation Type)

Packing Components

Cat. No.	Specification of Tube	Volume of Preservation Solution	Package Size
F4001b	2 ml	1 ml	1 set/bag; 50 sets/box
F4002b	5 ml	2 ml	1 set/bag; 50 sets/box
F4003b	10 ml	3 ml	1 set/bag; 50 sets/box

1 set: 1 sampling tube, 1 swab

Intended Use

Disposable Virus Sampling Kit (Inactivation Type) is used for the collection, transportation and storage of virus specimens.

Storage Conditions and Shelf Life

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

Description

Disposable Virus Sampling Kit (Inactivation Type) is a sampling kit for collect virus specimens, such as pharyngeal swab, nasal swab which may contains flu virus, SARS-CoV-2, etc. It contains the sampling tube and swab. The preservation solution in the tube can protect the viral nucleic acid from degradation for one week at room temperature (15 ~ 25°C). The preservation solution has the function of cell lysis and is compatible with all kinds of lysis buffers in the virus DNA/RNA extraction kits. In the subsequent nucleic acid extraction process, less or no lysate can be added to increase the sample dosage, so that more nucleic acids can be obtained and the detection results can be more accurate.

Method of Use

1. take out the collection swab and collect the specimen;
2. put the swab into the tube;
3. break off the stick of the swab;
4. tighten the tube cap;
5. label the information of the specimen on the tube;
6. put the collected specimen into a biohazard bag or other containers.
7. DNA/RNA extraction: do the extraction process as the instruction of the extraction kit you used, and the lysis buffer can be reduced as follows:

Proportion of Specimen	Specimen (with preservation solution) / μ l	Lysis Buffer / μ l
28.6%	200	500
50%	350	350

The higher the proportion of specimen, the more nucleic acids are extracted.

Notes

1. If the collected specime is liquid, the maximum volume should not exceed 30% of the preservation solution. For example, 1 ml of preservation solution can be filled with samples of less than 300 μ l.
2. Professionals should strictly follow the sampling procedure to avoid affecting the accuracy of the results.

3. Samples can be transported at room temperature. When the temperature is high, it is recommended to add ice packs for low temperature transportation.
4. Do not use the product when the package is damaged.
5. The preservation solution is a colorless, transparent and clear liquid. Do not use it when turbidity occurs.
6. Specimens should be tested in laboratories meeting safety standards.