

【Product Name】 Sample preservative Fluid

【Packing Size】 100mL, 200mL, 1000mL

【Usage】 For preservation of nucleic acid in the virus sample.

【Principle and Advantage】

This product contains ingredients that effectively inhibit DNase/RNase activity and can stably preserve viral nucleic acid in various samples (swab, oral fluid, saliva, whole blood, body fluid) for a long time at -20°C without degradation. This product is simple and convenient to use, can be widely used in hospitals, research institutes and others to collect and transport virus samples under room temperature.

【Main components】

Cat#	Volume	Sample	Components
BSC82S1	100mL	virus samples	Surfactant, salt solution
BSC82M1	200mL		
BSC82L1	1000mL		

【Storage and Shelf Life】

1. The kit can be stored at room temperature (15-25°C) away from light.
2. The kit can be stored for 12 months stably

【Sample Collection】

Swab: Take the oral fluid, whole blood, feces, environmental sewage and other samples with swabs, and immediately transfer it to a 2mL centrifuge tube. Break off the swab stick. According to the size of the swab, add an appropriate amount of sample preservative fluid to ensure that the swab can be completely immersed. It is generally to add 1mL. Shake the tube violently. It can be stored for 1 month

at 2-8 °C. For long-term storage, place the sample storage tube at -20 °C.

Before sample extraction, shake the swab storage tube vigorously for 1 min, and take 200-300 μL of soaking solution for testing.

Whole blood, oral fluid, body fluid and other liquid samples: Take an appropriate amount of liquid sample into the tube, and add 2 times volume of sample preservative fluid. Shake the tube violently. It can be stored for 1 month at 2-8 °C. For long-term storage, place the sample storage tube at -20 °C.

Before sample extraction, shake the tube vigorously for 15 seconds, and take 200-300 μL of solution for testing.

Tissue samples: Add an appropriate amount of PBS to the tissue sample, and fully homogenize. Take an appropriate amount of homogenate into the tube, and add 2 times volume of sample preservative fluid. Shake the tube violently. It can be stored for 1 month at 2-8 °C. For long-term storage, place the sample storage tube at -20 °C.

Centrifuge the tube at 12,000g for 2min, take 200-300μL supernatant to do extraction.

Cultured cell samples: Cultured cells ($\leq 10^7$) were collected in a tube according to standard laboratory procedures. Cells were washed with PBS or similar solution and the medium was removed. Resuspend cells by adding 1-2 mL of sample preservative fluid. Shake the tube violently. It can be stored for 1 month at 2-8 °C. For long-term storage, place the sample storage tube at -20 °C.

Before sample extraction, shake the tube vigorously for 15 seconds, and take

200-300µL of solution for testing.

Feces samples: Take an appropriate amount of feces samples into a tube, and add 4mL sample preservative fluid. Shake the tube vigorously for 1 min. It can be stored for 1 month at 2-8 °C. For long-term storage, place the sample storage tube at -20 °C.

Centrifuge the tube at 12,000g for 5min, take 200-300µL supernatant to do extraction.

【Notes】

When taking multiple samples at the same time, take care to prevent cross-contamination between samples.

【Company Information】

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【Date of manual approval and modification】 02/10/2020

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TECHNICAL SUPPORT:

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