

Microorganism Sample Storage Tube

Cat. No. : CW3153S (50 sets)

Shipping and Storage : Before use, it can be stored at 2-35°C for 12 months, and can be transported at 2-40°C for a short period (no more than 7 days). After the product is used, the sample can be stored at room temperature for 1 week, if it needs to be stored for a longer time, please place it at -80°C.

Components

Component	CW3153S
	1mL
Microbe sample storage tube	1 mL

Principle

This product provides a simple, safe and effective method for the preservation of sputum, alveolar lavage fluid, cerebrospinal fluid, pus, pleuroabdominal fluid, swabs (anal swab, pus swab) or tissue samples in specific parts, which can preserve the cell activity of the sample at room temperature for a certain period of time, and keep the nucleic acid in the sample intact and not degrade. The stored samples can be used for subsequent nucleic acid extraction or purification experiments, which provides a reliable guarantee for obtaining high quality nucleic acid required for downstream experiments.

Product Features

1. After using this product, the 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 reduces the refrigeration cost.
2. The operation is simple and the sample can be self-sampled at home.
3. After the stored samples are extracted according to most commercial kits, various genetic testing and analysis experiments can be completed, such as PCR, gPCR, NGS, SNP, etc.

Procedure

1. Specific operations for different samples are as follows:
 - a) Liquid sample: Take 1-9 mL liquid sample according to actual needs and add it to the storage tube containing 1 mL preservation liquid:
 - b) Tissue sample: cut the sample into pieces with a thickness of less than 0.5 cm at the fastest speed, and then put the tissue pieces into the preservation tube with the sample preservation solution;
 - c) Swab sample: Immediately after sampling, put the swab into the sample tube with the preservation solution to avoid contact with other parts , break the swab rod, discard the tail, and then tighten the tube cover to complete the sampling:
2. Store the storage tube with the sample under appropriate conditions (the sample can be stored at room temperature for 1 week, if longer storage time is required, please put it at -80°C), and the storage time should not exceed the maximum storage time at this temperature.
3. After storage, the samples can be extracted by using the relevant commercial kit. The nucleic acid extraction kit produced by Jiangsu CoWin Biotech Co., Ltd. is recommended.

Note

1. Check whether the package is damaged before use. If there is any damage, it is strictly prohibited to use.
2. This product can be stored at room temperature for up to 1 week. In view of individual differences in samples, the specific storage period of different samples may fluctuate.
3. After collecting samples, the sample storage tube should be gently inverted 10 times, as insufficient or excessive mixing may affect the protective effect.