

Sample Preservation Solution

Product Number: SPT76

Shipping and Storage

The product can be stored at 2-35°C for 3 years before use and can be transported for a short period of time (not exceeding 7 days) at 2-40°C. After use, the sample can be stored at room temperature for one week. If longer storage time is required, please place it at -80°C.

Component

Component	SPT76-03-50	SPT76-03-100	SPT76-1.5-50	SPT76-01-100
Sample Preservation Solution	3mL/vial, 50kit/pack	3mL/vial, 100kit/pack	1.5mL/vial, 50kit/pack	1mL/vial, 100kit/pack

Description

This product provides a simple, safe, and effective method for storing throat swabs, nose swabs, and other samples. It can maintain the integrity and non degradation of nucleic acids in the samples for a certain period of time at room temperature, providing reliable assurance for obtaining high-quality nucleic acids required for downstream experiments.

Application

For the preservation of samples used in histopathology and cytology analysis.

This product is suitable for preserving pharyngeal swabs, nasal swabs, or tissue samples from specific sites after collection, and the stored samples can be used for subsequent clinical experiments such as nucleic acid extraction or purification.

Main components

Trimethylaminomethane, trans-1,2-cyclohexanediamine tetraacetic acid, anhydrous sodium acetate.

Features

1. After using this product, nucleic acids in throat swabs, nose swabs, and other samples can be stored at room temperature for up to one week, providing convenience for transportation and storage, and greatly reducing refrigeration costs.
2. Easy to operate and use, capable of self sampling at home.
3. After extracting stored samples using most commercial reagent kits, various genetic testing and analysis experiments can be completed, such as PCR, qPCR, NGS, SNP, etc.

Protocol

1. Clean your hands before sampling, tear open the outer packaging of the sampling swab, and remove the swab. Be careful not to touch the swab head.
2. According to different sampling requirements, use a swab to sample at the corresponding location.
3. Quickly place the swab into a sampling tube containing preservation solution after sampling, avoiding contact with other parts.
4. Break the swab rod, discard the tail, and then tighten the tube cover to complete the sampling.
5. There are several specific sampling methods: throat swab: rinse mouth with water before sampling, pass the swab over the base of the tongue, and wipe both sides of the pharyngeal tonsils and posterior pharyngeal wall; Nasal swab: Gently insert the swab into the nasal passage at the nasal palate, hold for a moment, and then slowly rotate and exit.

Note

1. Before using the product, check if the packaging is damaged. If there is any damage, it is strictly prohibited to use.
2. This product can store samples at room temperature for up to one week. Due to individual differences in samples, the specific

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storage period may vary among different samples.

3. Commercial reagent kits can be used for nucleic acid extraction. We recommend using our company's nucleic acid extraction kit..