

Product Description

During the lyophilization process, the sample is exposed to cryogenic freezing, vacuum and dehydration. Lyophilization Protective Agent is a kind of substance that can increase the structural stability of lyophilized products, protect the active components in the process of lyophilization, prolong sample storage and provide good solubility for lyophilized samples. Lyophilization Protective Agent is chemically inert and do not participate in biochemical reactions.

Size

1000 µL/tube or custom packaging

Storage

Store at -20±5°C. Vortex before use. Avoid freeze-thaw cycles.

Method of Application

1. Pipetting Instructions for lyophilization.

Composition	Volume per Reaction	Volume per Reaction	Final Concentration
PCR Buffer (with dNTPs, Mg ²⁺)	--	--	--
Enzyme Mix	--	--	--
4×Lyophilization Protective Agent-9	6.25 µL	12.5 µL	1×
25×Primer-Probe Mix	1 µL	2 µL	1×
ddH ₂ O	To 18-20 µL	To 36-40 µL	--

*The amount of water added can be adjusted appropriately to obtain a better freeze-dried form.

2. Mix and centrifuge, and then proceed with the lyophilization procedure.