

1.5M D-(+)-Trehalose dihydrate solution

Cat No.: G8572

Package: 1ml

Storage: 4°C

Period of validity: one year

Description of products

This product is an aqueous solution with a concentration of 1.5M Trehalose (D-(+)-Trehalose dihydrate), which can be directly added to the PCR reaction system or reverse transcription reaction to improve the thermal stability and activity of the enzyme. It has the following characteristics:

- 1、 Adding trehalose to the reaction system can increase the stability and activity of heat-sensitive enzymes at high temperatures.
- 2、 Trehalose can increase the thermal stability and thermal activation characteristics of Reverse transcriptase of murine leukemia virus, so that it still has full activity at 60°C, enough to synthesize full-length cDNA before the mRNA secondary structure induced termination reaction, and the reaction efficiency is greatly improved.
- 3、 Helps to improve the activity of dry preserved enzymes.

Product Parameter

English name: D-(+)-Trehalose dihydrate solution (D-trehalose solution)

concentration: 1.5M

CAS: 6138-23-4

Molecular formula: C₁₂H₂₂O₁₁·2H₂O

Molecular weight: 378.33

Appearance (character): liquid

Note

- 1、 This product is for scientific research only. Do not use for medicine, clinical diagnosis or treatment, food and cosmetics. Do not store in ordinary residential areas.
- 2、 For your safety and health, please wear a laboratory coat and disposable gloves and masks.

related products

G8570 *D-trehalose*

ST8420 *D-trehalose standard*

Note: For more information about this product, please refer to Solarbio website.