

SM Buffer

(Sterile solution)

Ordering info

TBB0626, 500 mL

Description

SM Buffer is widely used in molecular biology as a diluent and storage medium for bacteriophages, particularly lambda phage. It typically contains sodium chloride (NaCl), magnesium sulfate (MgSO_4), Tris-HCl (pH 7.5), and gelatin. This sterile-filtered, pre-mixed solution stabilizes lambda phage by leveraging the protective properties of gelatin, ensuring optimal conditions for storage and use.

Features

- Ready to use.
- Sterile colorless solution.
- Composition: 100mM Sodium Chloride; 10mM Magnesium Sulphate; 0.01% Gelatine; 50mM Tris-HCl

Applications

- SM Buffer is primarily used in phage suspension handling, including preparation and long-term storage of lambda phage.

Storage Conditions

- Store at 15-25°C.