

Tris-Glycine-SDS Running Buffer Powder

Product Code: RM00010

Size: 2×1 L / 5×1 L

◆ Product Introduction

Tris-Glycine Electrophoresis Buffer is suitable for gels of the Tris-Glycine system, but not compatible with gels of buffer systems such as Hepes or Bis-Tris. It is intended for denaturing electrophoresis (SDS-PAGE). This product is supplied as a powder, with each sachet capable of preparing 1L of 1× working solution.

◆ Storage Conditions

Store at room temperature with a 2-year shelf life.

◆ Operating Procedures (For Reference Only)

1. Take one sachet of powder (sufficient to prepare 1L of electrophoresis buffer), pour it into a clean beaker, add approximately 800 mL of distilled water, and stir to dissolve.
2. Transfer the solution to a graduated cylinder and bring the volume up to 1L with distilled water; this is the 1× working solution.
3. Mix well before use.
4. Unused electrophoresis buffer can be stored at room temperature for 2-3 days, or at 4°C for 1-2 weeks.

◆ Precautions

1. The prepared 1× working solution should be used within 2 weeks.
2. For scientific research use by professionals only. Not intended for clinical diagnosis, treatment, food, or pharmaceutical applications. Do not store in residential areas.
3. For your safety and health, wear appropriate personal protective equipment (PPE) and clothing during operation.
4. Reuse of the electrophoresis buffer is not recommended. After electrophoresis, the ionic strength and buffering capacity of the buffer will change, which may affect the electrophoresis results.