

Bis-Tris , 4-20%, 12 wells / Bis-Tris, 4-20%, 15 wells

Catalog #: G0142012/G0142015

Product Overview

This product is a safe, fast, and high-performance pre-prepared polyacrylamide gel. Using MOPS buffer or MES buffer, it better separates medium-to-high molecular weight proteins from low molecular weight proteins. It is compatible with mainstream electrophoresis tanks (Bio-Rad series) and can be directly used for PAGE electrophoresis and Western blot detection, saving significant gel preparation and electrophoresis time and improving experimental efficiency.

Product Specifications

Product Name	Product Name	Storage conditions	Specification
G0142012	Bis-Tris , 4 -20%, 12 wells	2-8°C	10T
G0142015	Bis-Tris , 4 -20%, 15 wells	2-8°C	10T

The maximum loading volumes for 12 wells / 15 wells are 35 µL / 25 µL respectively

Glue sheet: Length × Width × Height 100 × 85 × 4.7 mm;

Gel: Length × Width × Height 85 × 70 × 1 mm.

This product must not be frozen. It has a shelf life of 1 year and must be used with MOPS/ MES electrophoresis buffer.

Features

Safety: No contact with toxic reagents is required, reducing experimental risks;

Compatibility: Suitable for most electrophoresis tanks that can accommodate gel plates with a width of 10cm ;

Stability: Automated dispensing technology ensures highly stable and consistent products;

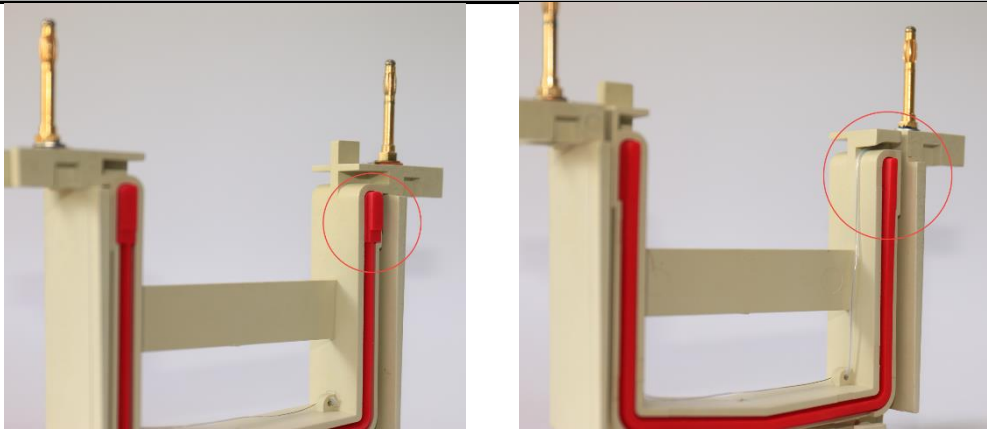
Convenience: Open and use immediately .

Instructions for use

1. Prepare the MOPS electrophoresis buffer(RA10025) or use our company's 20× universal rapid electrophoresis buffer (RA10044) ;
2. Remove the pre-made adhesive from the packaging bag and peel off the sealing strip at the bottom of the adhesive sheet;
3. Slowly and steadily push the comb out of the rubber sheet;
4. Fix the pre-formed adhesive short rubber sheet in the electrophoresis tank with the inward side facing in; (If your U-shaped sealing strip has a protruding structure on the top, you need to remove the sealing strip and install it in reverse so that the smooth side faces outward)

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5. Add electrophoresis buffer to the inner tank of the electrophoresis tank so that the liquid level is 5-7 mm above the sample well , and then add 1/3 volume of electrophoresis buffer to the outer tank.

⚠ This precast gel must not be used with Tris -Glycine electrophoresis buffer;

The sample wells can be gently rinsed with electrophoresis buffer to remove air bubbles and residual storage solution.

6. Add the processed sample to the spotting well, start electrophoresis, adjust the voltage to 140-160V , not exceeding 200V , and the electrophoresis will be completed in about 30-45 minutes;

7. After electrophoresis, remove the gel plate and insert the pry tool (tweezers or other metal pieces) into the upper, middle and lower parts of both sides of the gel plate. Gently pry until the two sides of the gel plate are completely separated. After staining and destaining the gel, the protein bands can be observed.

Precautions

1. Tris -Glycine electrophoresis buffer must not be used ;
2. The sealing strip at the bottom of the gel plate must be removed before electrophoresis; otherwise, electrophoresis cannot be performed.
3. This product is for research use only.