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DATA SHEET

Version: 1
Revision date: 29/05/2025

1. Identification

Product name **PriPROT™ Precast Tris-Glycine Gel (4-20%) 1.0 mm**

Cat. No
10 wells version (10 gels): PD0020
15 wells version (10 gels): PD0015

2. Description

PriPROT™ Precast Tris-Glycine Gel (4-20%) features a continuous 4–20% polyacrylamide gradient within a neutral pH buffer system, ensuring high-resolution protein separation with excellent stability. Designed for use with Tris-Glycine buffer, it is compatible with both native and denatured proteins and fits standard mini gel tanks used in electrophoresis applications.
Size: 1.0 mm thickness, available in cassettes with 15 or 10 wells.
Optimized to fit various mini gel tanks, ensuring compatibility with widely used electrophoresis systems.

3. Specifications

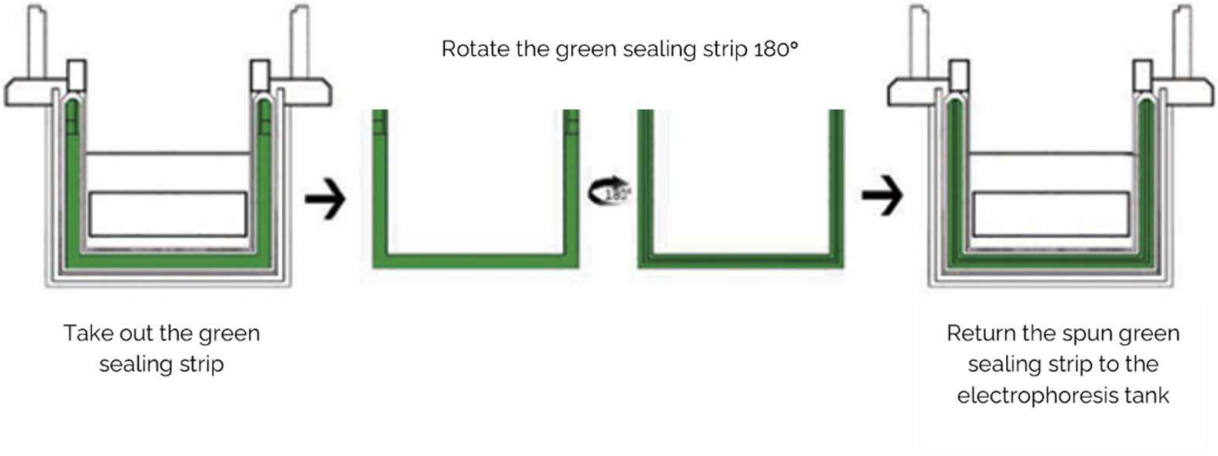
Gel Concentration: 4–20% polyacrylamide gradient
Thickness: 1.0 mm
Buffer Compatibility: Tris-Glycine buffer for SDS-PAGE applications
Format: Precast and ready-to-use, no heating required
Maximum loading volume: up to 50 µL/well (PD0020) or 30 µL/well (PD0015).

4. Applications

High-resolution protein separation in SDS-PAGE under native and denatured conditions.

5. Usage Instructions

1. **Unpack the gel cassette**, remove the **sealing tape**, and position it inside the **gel tank**.
2. Add **Tris-Glycine electrophoresis buffer**, ensuring **full immersion of the comb**. Carefully **remove the comb** before loading **samples and ladders** into the wells.
3. After **electrophoresis**, extract the **gel sandwich** and use a **small screwdriver** to separate the two **plastic plates**, facilitating **gel transfer**.



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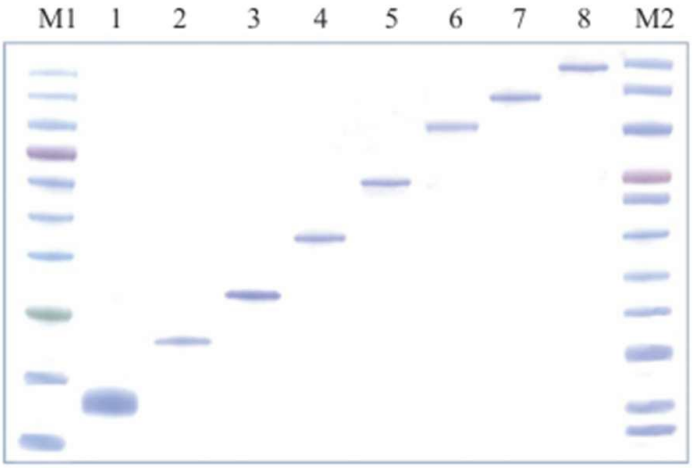
6. Includes

Reference Code	Gel Format	Number of Wells	Number of Gels
PD0020	4-20%, 1.0 mm	10 wells	10 individual packed gels
PD0015	4-20%, 1.0 mm	15 wells	10 individual packed gels

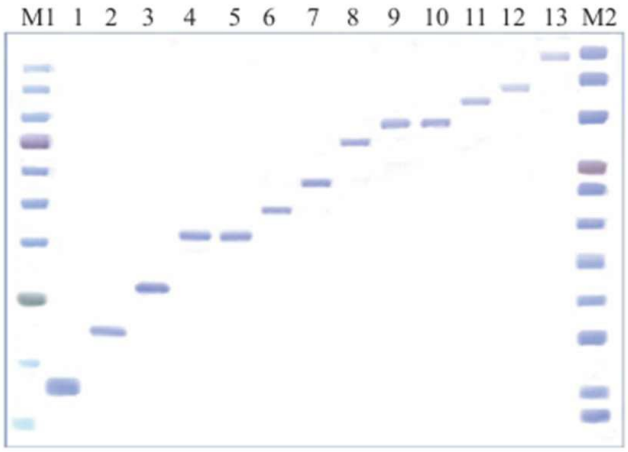
7. Notes

- **Storage:** Do **not** store below **0°C**, as freezing may cause **gel cracking**.
- **Tank compatibility enhancement:** The connection between the precast gel and the U-shaped sealing strip has been optimized for improved usability. If necessary, remove the raised sealing strip and reverse its installation, ensuring the smooth side faces outward to prevent buffer leakage during electrophoresis.

8. Additional information



10 wells (5µL/well)



15 wells (5µL/well)

9. Further information

Product Use Limitation This product is developed, designed and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Disclaimer The information provided in this Data Sheet is correct to the best of our knowledge and belief at the date of publication. This information is intended only as a guide and should not be taken as a warranty or quality specification. Canvax Reagents S.L.U. shall not be held liable for any damage resulting from handling or from contact with the above product.

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