Pre-Cast Gel (4-12% Tris SwePAGE Tris SwePAGE -11-well)

AO-03-G2306-10

Product Introduction

SwePAGE Pre-cast Gel is a ready-to-use, small-sized polyacrylamide gel that offers convenience and rapid use. The gel is compatible with Tris-glycine SDS-PAGE standard electrophoresis buffer and Tris-glycine SDS-PAGE SWE high-resolution rapid electrophoresis buffer.

This product does not contain SDS and can also be used for native electrophoresis with suitable electrophoresis buffers and corresponding reagents.

Easy of Use: Ready-to-use, eliminating the need for gel preparation and contact with toxic reagents like monomeric acrylamide.

High Sample Loading Capacity: Maximum sample loading capacity up to 40 μL.

High Resolution: The gel formulation is optimized for the Tris system, providing higher resolution and sharper protein bands.

Excellent Compatibility: Compatible with most small protein gel vertical electrophoresis system (e.g., Servicebio, Liuyi, Bio-Rad, Tanon, etc.).

SwePAGE Pre-cast Gel Plate Dimensions: Width 100 mm, Height 82 mm; Gel Dimensions: Width 85mm, Height 60 mm, Thickness 1.0 mm. Different concentrations of isocratic gels including 8%,10%, and 12%, are available for the separation of proteins of different molecular weights. Additionally, three types of gradient gels, namely 4-20%, 4-12%, and 8-16%, are provided to meet the separation needs of proteins within different molecular weight ranges.

Storage and Transportation : Shipped with wet ice; store at 2-8°C with a shelf life of 12 months.

Electrophoresis buffer	**Voltage**	**Initial current**	**Final current**	**Electrophoresis time**
Tris-Glycine SWE AO-03-G2081	**200 V**	**141-156 mA**	**105 mA**	**20-30 min**
Tris-Glycine regular AO-03-G2018	**200 V**	**123-136 mA**	**79 mA**	**30-40 min**

Cat.No.	AO-03-G2302-10	AO-03-G2306-10
Name	10% Tris SwePAGE Pre-Cast Gel	4%-12% Tris SwePAGE Pre-Cast Gel
Spec.	10 pcs/box	10 pcs/box
Recommended Separation Range	10-160 kDa	10-300 kDa
Applicable Electrophoresis System	Tris-Glycine	Tris-Glycine
Maximum Sample Loading Volume (μL)	40	40
Sample Wells	11	11
Gel Concentration	0.1	4-12%

For Research Use Only!

Demonstration Video