

SmartPAGE™ Precast Protein Gel Plus



Product Information

Gel cassette size: 10 x 8 cm, 4.5mm

Gel size: 8.5x7cm, 1mm

Gel Chemistry: Bis-tris

Running conditions: 160V, 45-50min; no more than 180 V

Packaging: 15 PCs/BOX

Running Buffer: MOPS Running Buffer

Storage and Shelf Life: 12 months at 2-8°C

Introduction

SmartPAGE™ Precast Protein Gel Plus are polyacrylamide gels designed for Proteins Separation. A gel has 12 wells or 15 wells formats. For gel with 12 wells its largest volume is up to 45 μ L per well, recommended loading volume of 15-20 μ L; while for gel with 15 wells, its largest volume is up to 25 μ L per well, recommended loading volume of 10-15 μ L.

SmartPAGE™ Precast Protein Gel Plus adopts automatic control technique for gel perfusion which enables good repeatability and stability. Its unique formulation makes bands more clear and sharp which increases the evenness of the band and provides superior resolution.

They run at neutral pH buffer which not only minimizes protein modification but also improves gel stability.

Product Benefits

SmartPAGE™ Precast Protein Gel Plus has following advantages compared with traditional gel made by the laboratory :



High resolution

The unique gel buffer formula makes the protein electrophoresis bands clearer and sharper with higher resolution



Time-Saving

The process of electrophoresis can be finished in just 30 minutes greatly saving our precious time



Stable-Results

Full automatic and large-scale production enables good repeatability and high quality



Open-Use

There is no need to prepare a variety of solutions and glue operation, ready to use



Safety-Ensuring

No need to contact toxic reagent

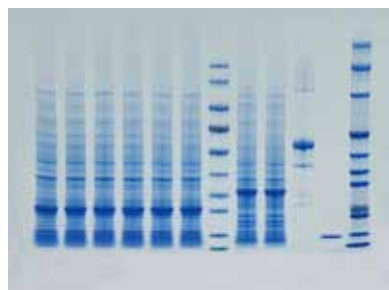


Cost-effective

MOPS-SDS Running Buffer are given away per box, which is of excellent quality and low price

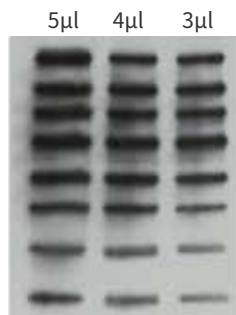
SmartPAGE™ Precast Protein Gel Plus

Coomassie brilliant blue



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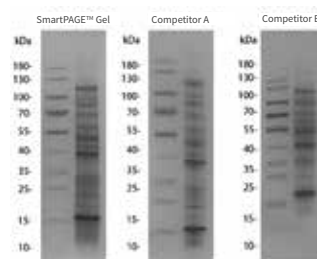
Western blot analysis



SmartPAGE™ offer clear and sharp protein electrophoresis bands even in low sample content situations

Samples:
 SuperSignal™
 Molecular Weight Protein Ladder
ECL: Smart-ECL Super

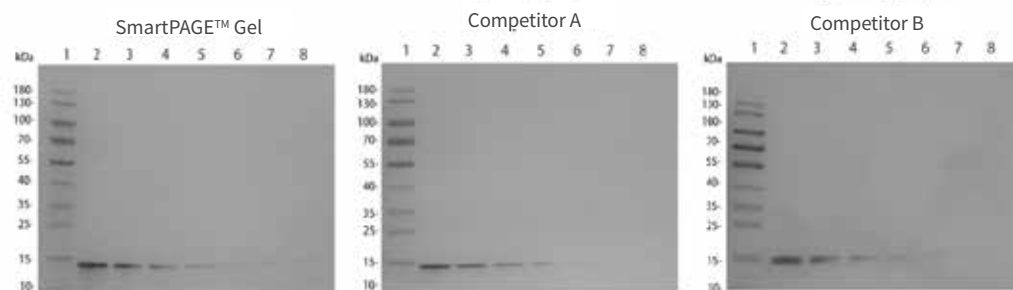
Superior resolution



SmartPAGE™ offer superior band resolution compared to competitor A and B

Marker:
 PageRuler™ Prestained Protein Ladder
Samples:
 6µl E.coli lysate.

High resolution



SmartPAGE™ can detect lysozyme samples with a content of 12.5ng, which has higher sensitivity than other products.

Lane1: PageRuler™ Prestained Protein Ladder
Lane2-8: 为800ng, 400ng, 200ng, 100ng, 50ng, 25ng, 12.5ng lysozyme.

Product List

Product Name	Cat. No	Product Specifications
SmartPAGE™ Precast Protein Gel Plus 12 Wells	SLE014	4-12%, Bis-Tris
	SLE015	4-20%, Bis-Tris
	SLE016	8%, Bis-Tris
	SLE017	10%, Bis-Tris
	SLE018	12%, Bis-Tris
SmartPAGE™ Precast Protein Gel Plus 15 Wells	SLE019	4-12%, Bis-Tris
	SLE020	4-20%, Bis-Tris
	SLE021	8%, Bis-Tris
	SLE022	10%, Bis-Tris
	SLE023	12%, Bis-Tris
MOPS Running Buffer	SLB009	1L*1
	SLB0091	1L*15

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