

# 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

**Runnng 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 uL per well, recommended loading volume of 15-20 µL;while for gel with 15 wells,its largest volume is up to 25 µL per well,recommended loading volume of 10-15 µL.

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

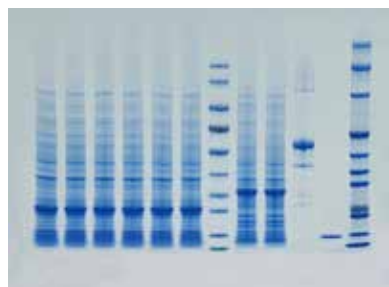


### Cost-effective

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

# SmartPAGE™ Precast Protein Gel Plus

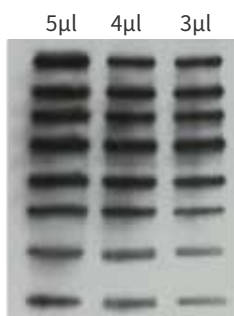
## Coomassie brilliant blue



**Running conditions:**160V, 45-50min

**Running Buffer:**MOPS Running Buffer

## Western blot analysis



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

### Samples:

SuperSignal™

Molecular

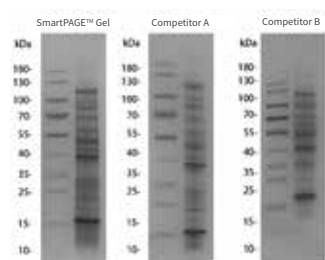
Weight Protein

Ladder

**ECL:**Smart-ECL

Super

## Superior resolution



### Marker:

PageRuler™

Prestained Protein

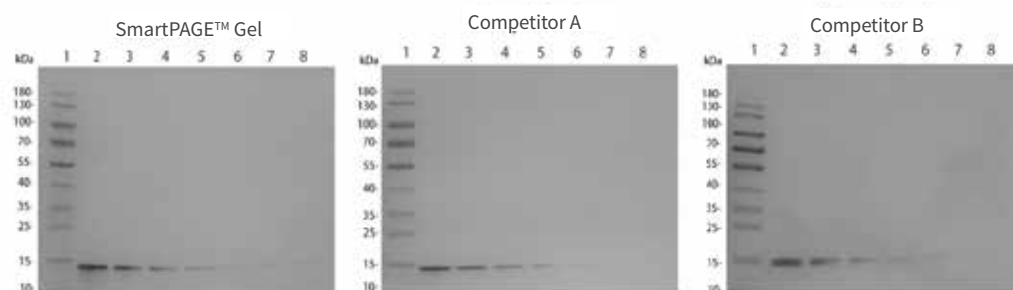
Ladder

**Samples:**

6μl E.coli lysate.

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

## 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<br>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<br>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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