

SurePAGE™ precast gels

High resolution & Robust separation

MES: 20+ Min @200V

MOPS: 30+ Min @200V



GenScript SurePAGE™ Bis-Tris gels are high-performance precast mini polyacrylamide gels that are designed to separate a wide range of protein sizes by electrophoresis. **SurePAGE gels are cast in a neutral pH buffer that minimizes polyacrylamide hydrolysis and increases gel stability. They run at neutral pH which minimizes protein modification compared to Tris-glycine gels.**

Proteins are separated on SurePAGE using MOPS or MES running buffer. We recommend using MOPS buffer for protein sizes that are >30kD and MES for proteins that are <30 kD.

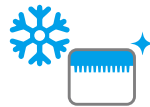
We recommend using 4×LDS sample buffer (M00676) as the sample loading buffer.



Large well volume



High resolution and reproducibility



Long shelf life



Cost effective



Compatible cassette design

Superior resolution

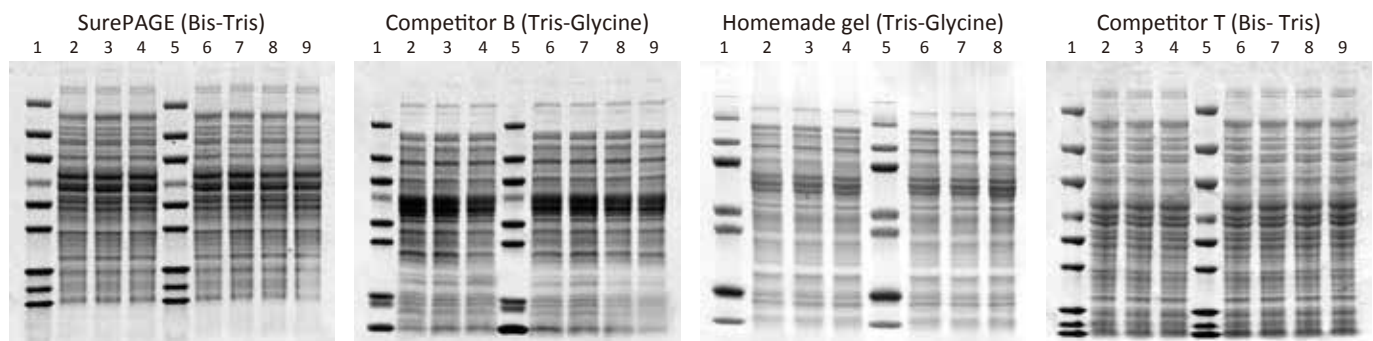


Figure 1: SurePAGE gels offer superior band resolution compared to competitors and the homemade Tris-Glycine gels.

Lane 1 and 5: protein marker (MM1397), 5 µl. Lane 2,3,6,7,8 and 9: *E. coli* cell lysate.

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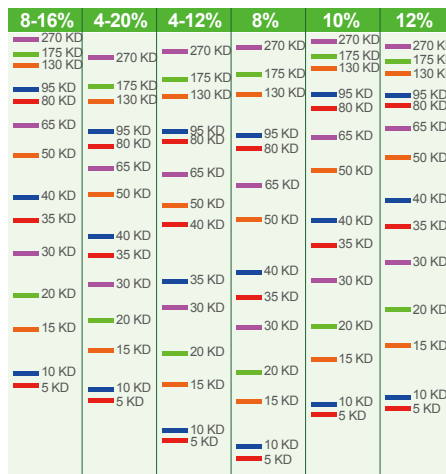
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Make Research Easy

Choose the gel concentration based on the migration chart below with MOPS or MES buffer.

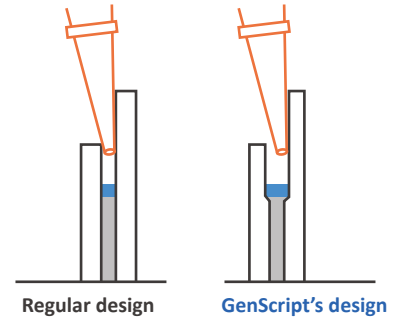
MOPS BUFFER



MES BUFFER



Easy to load...large well volume up to 80 μ L



Compatible Gel Tanks

Bio-Rad Mini-PROTEAN® II & 3*

Bio-Rad Mini-PROTEAN®Tetra System*

Invitrogen Novex XCell I, II, & Surelock® (Use GenScript Gel Tank Adapter Plates)

LONZA PAGER® Minigel Chamber

Hoefer Mighty Small (SE 260/SE 250)

Hoefer Tall Mighty Small (SE 284.50)

*please reverse the gasket, see manual for detail

SurePAGE 10x8 gels ordering list:

% Acrylamide	Wells No.	Well volume	Quantity	Cat. No.
4-12%	10, 12, 15	80, 60, 40 μ L	10 gels	M00652, M00653, M00654
4-20%	10, 12, 15	80, 60, 40 μ L	10 gels	M00655, M00656, M00657
8-16%	10, 12, 15	80, 60, 40 μ L	10 gels	M00658, M00659, M00660
8%	10, 12, 15	80, 60, 40 μ L	10 gels	M00661, M00662, M00663
10%	10, 12, 15	80, 60, 40 μ L	10 gels	M00664, M00665, M00666
12%	10, 12, 15	80, 60, 40 μ L	10 gels	M00667, M00668, M00669

Related products:

Product Name	Size	Cat. No.
4xLDS sample buffer	10 ml 250 ml	M00676-10, M00676-250
MES SDS Running buffer powder	5 ps/box (10 gels)	M00677
MOPS SDS Running buffer powder	5 ps/box (10 gels)	M00138
Broad Multi Color Pre-Stained Protein Standard	250 μ L, 1250 μ L	M00624-250, M00624-1250