



# SurePAGE™ Mini & Plus Midi 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.



High resolution and reproducibility



Large well volume 100  $\mu$ L



Fast run times 20+ min

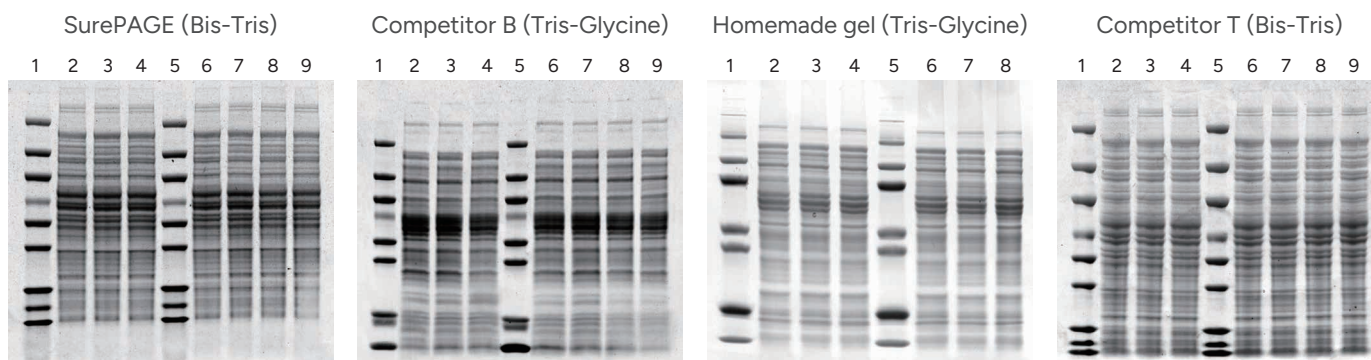


Room temperature storage



Cost effective

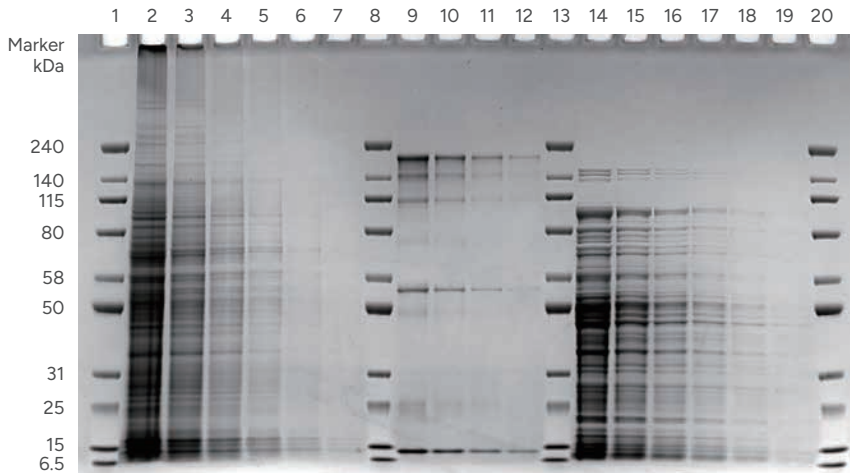
## SurePAGE™ Mini: Superior resolution



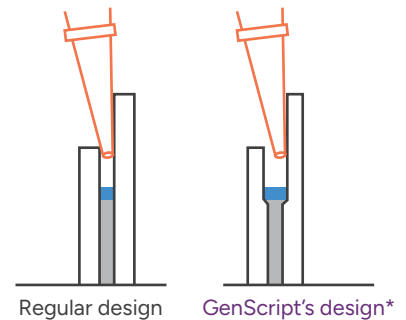
**Figure 1:** SurePAGE gels offer superior band resolution compared to competitors and the homemade Tris-Glycine gels. Lane 1 and 5: protein marker (MM1397), 5  $\mu$ L. Lane 2,3,6,7,8 and 9: *E. coli* cell lysate.

Free samples (includes MOPS or MES buffer) available. Contact us at [freesample@genscript.com](mailto:freesample@genscript.com)

## SurePAGE™ Plus Midi: Excellent resolution and sensitivity



Easy to load...large well volume up to **80-100 µL**



\*The loading volume depends on the number of wells in the gel.

Gel: SurePAGE™ Plus Midi, Bis-Tris, 4-12%, 20 wells (GenScript, M01203)

Samples:

Lanes 1, 8, 13, 20: 8 µL Broad Multi Color Pre-Stained Protein Standard (GenScript, M00624)

Lanes 2-7: 20 µL HEK293 cell lysate (Total protein load: 20, 10, 5, 2.5, 1.25, and 0.625 µg, respectively)

Lanes 9-12: Protein mixture. IgG: 2, 1, 0.5, 0.25 µg; BSA: 0.2, 0.1, 0.05, 0.025 µg; Lysozyme: 0.8, 0.4, 0.2, 0.1 µg (respectively)

Lanes 14-19: 20 µL *E. coli* cell lysate (Total protein load: 20, 10, 5, 2.5, 1.25, and 0.625 µg, respectively)

## Compatible Gel Tanks

Bio-Rad Mini-PROTEAN®<sup>1</sup> II & 3\*

Bio-Rad Mini-PROTEAN®<sup>1</sup> Tetra System\*

Thermo SureLock™<sup>2</sup> Tandem Midi Gel Tank

Thermo XCell4 SureLock™<sup>2</sup> Midi-Cell

\*please reverse the gasket, see manual for detail

Note:

<sup>1</sup> Registered trademarks of Bio-Rad Laboratories. <sup>2</sup> Registered trademarks of Thermo Fisher Scientific.

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## SurePAGE gels ordering list

Gel Percentages	SurePAGE™ Mini Pre-cast Gels			SurePAGE™ Plus Midi Pre-cast Gels			
	10 wells	12 wells	15 wells	20 wells	26 wells	30 wells	12+2 wells
4-12%	M00652	M00653	M00654	M01203	M01204	M01205	M01206
4-20%	M00655	M00656	M00657	M01207	M01208	M01209	M01211
8%	M00661	M00662	M00663	M01219	M01220	M01221	M01222
10%	M00664	M00665	M00666	M01223	M01224	M01225	M01226
12%	M00667	M00668	M00669	M01227	M01228	M01229	M01230
8-16%	M00658	M00659	M00660	/	/	/	/

## Related products

Product Name	Size	Cat. No.
4×LDS 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 µL, 1250 µL	M00624-250, M00624-1250
GenBox Mini Electrophoresis Tank	1 unit	L00780
GenBox Mini Blot Module	1 unit	L00781
GenBox Midi Electrophoresis Tank	1 unit	L01001