

FastGene® Precast PAGE Gels

Get the best separation



- ✓ 8 cm x 10 cm PAGE Gels
- ✓ Homogenous and gradient gels
- ✓ No special buffers required
- ✓ Superior protein band resolution and stability
- ✓ Long shelf life



Each box of our FastGene® Precast Protein Gels comes with 10 gels, a cassette opener and spacers. The gels are perfectly compatible with our MOPS buffer packs.

Get the best PAGE separation

Casting hand-cast gels for protein separation can be time-consuming and error-prone. FastGene® Precast PAGE Gels are the perfect replacement and make laboratory work a lot easier. Due to the very consistent gel casting process, the FastGene® PAGE Gels have a very high reproducibility.

Homogenous or gradient PAGE gels

FastGene® Precast Protein Gels are available in a variety of homogenous and gradient gels. They can be used for denaturing SDS-PAGE as well as native gel electrophoresis, depending on the used running buffer. Our gels are compatible with MOPS or MES buffers.

Load up to 60 µl sample on each lane

Superior running performance

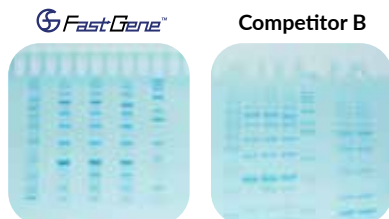
FastGene® Precast PAGE Gels are cast at a neutral pH. The hydrolysis of polyacrylamide is reduced, resulting in an increased gel stability and superior band resolution. Further advantages are optimised running performance and a larger loading volume (up to 60 µl). The extra large wells also prevent a lane-to-lane overflow and ensure a higher transfer efficiency.

FastGene® Precast PAGE Gels

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New quality standards

The FastGene® Precast PAGE Gels have a revolutionary high performance. The unique buffer formulation that maintains a low operating pH during the electrophoresis eliminates the "smiles" and poor resolution of self-made gels and many competitor precast gels.



Direct comparison of a FastGene® Precast Protein Gel (12%) with a common competitor gel manufacturer.

Get a sample for free

You would like to test our Precast PAGE Gels? All gels are available as a sample with all necessary components for protein electrophoresis, including MOPS buffer. Just contact us, and get a free sample.

Would you like to test our gels?

Compatibility

The gels are compatible with the FastGene® PAGE Protein System as well as electrophoresis gel tanks from other manufacturers like Bio-Rad™.

Manufacturer	Electrophoresis system (8 cm x 10 cm)
NGE	FastGene® PAGE Protein System
BioRad™	Mini PROTEAN II & 3 Mini PROTEAN Tetra System
Hoefer	SE 250 Mighty Small II SE260 Mighty Small II Deluxe

Ordering information

Cat. No.	Product	Content
PG-S012	FastGene® PAGE Gel 8 cm x 10 cm - 12%	10 gels
PG-S412	FastGene® PAGE Gel 8 cm x 10 cm - 4-12%	10 gels
PG-S420	FastGene® PAGE Gel 8 cm x 10 cm - 4-20%	10 gels
PG-S816	FastGene® PAGE Gel 8 cm x 10 cm - 8-16%	10 gels

PAGE Running Buffers

All you need for perfect PAGE

The running buffer is available as a 10x ready solution or as a measured powder for making 1 L of buffer. This eliminates the tedious weighing of SDS and other buffer components. FastGene® MOPS Buffer Pouches are compatible with our FastGene® Precast PAGE Gels.



PG-MOPS10



ID1501

Ordering information

Cat. No.	Product	Content
PG-MOPS10	FastGene® MOPS Buffer Pouches	10 pouches for 1 L each
ID1501	Running Buffer Tris-Glycine-SDS	10x 500 ml

FastGene® Q-Stain Protein Stain

Like Coomassie Blue, but easier

The FastGene® Q-Stain is a single-step, modified Coomassie Blue protein gel stain for polyacrylamide gels. This protein staining solution eliminates the need to fix, wash or destain your protein gel. Just run your protein gel, add the FastGene® Q-Stain, and watch your bands appear in several seconds. The FastGene® Q-Stain does not stain the polyacrylamide gel. The result is a crystal-clear background with clearly visible protein bands. Unlike many other stains, the FastGene® Q-Stain is a water-based product, free of methanol and acetic acid.

- ✓ Protein staining in 10 minutes
- ✓ No washing, fixing or destaining
- ✓ High sensitivity - 10 ng bands detectable
- ✓ Free of methanol and acetic acid
- ✓ No oversaturation

Ideal for mass spectrometry

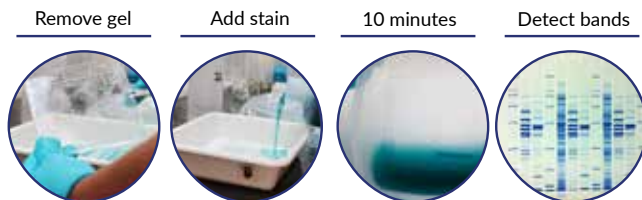
The FastGene® Q-Stain Protein Stain is 100% compatible with mass spectrometry. Follow the procedure below to analyse your protein:

1. Incubate the excised protein band in 1 ml 30% EtOH or 30% acetone for 30 min at room temperature
2. Repeat step 1 until the stain is removed
3. Continue with a typical mass spectrometry protocol

Never Wash or Destain again!

Staining a protein gel was never so easy

The entire staining procedure can be completed in about 10 minutes (for typical protein amounts). Just remove the gel after the electrophoresis, add the stain, wait for 10 minutes and watch your protein bands become visible.



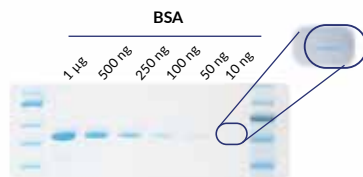
Ordering information

Cat. No.	Product	Content
FG-QS1	FastGene® Q-Stain	1 liter



One-step protein staining in 10 minutes

The special formulation of the FastGene® Q-Stain enables a very quick staining procedure of protein gels. The protein bands will be visible in less than 10 minutes. Very low amounts of proteins (down to 10 ng) can be detected by longer staining. It is impossible to over-saturate proteins with the FastGene® Q-Stain, so longer incubation times have no negative effects. Save time by using Q-Stain for a safe and efficient detection of proteins in polyacrylamide gels.

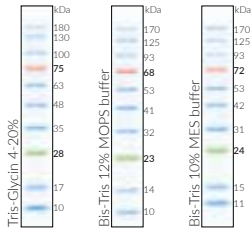


Detection of 10 ng of protein after 30 minutes incubation. For a better visualisation, the 10 ng protein band is shown with a stronger contrast.

FastGene® Protein Marker

- ✓ Huge size range (6.5 - 270 kDa)
- ✓ Ready-to-use with loading buffer
- ✓ Sharp bands
- ✓ Reference bands
- ✓ Quality tested

BlueStar (MWP03)

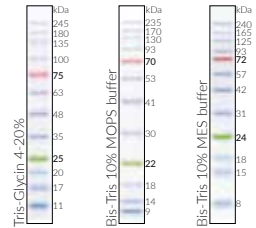


The BlueStar PLUS is a three colour protein standard with 12 prestained proteins covering a wide range of molecular weights from 10 to 245 kDa.

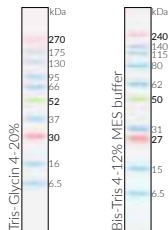
Excellent accuracy

Choose between three different protein markers with different colours and distinct size ranges. All of our Protein Markers are supplied in a loading buffer for a direct loading on gels. The FastGene® Protein Markers have sharp bands with an excellent accuracy. They are designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verification of Western transfer efficiencies (PVDF, nylon, or nitrocellulose membranes) and for approximating the size of proteins.

BlueStar PLUS (MWP04)



BlueEasy (MWP06)



The BlueEasy Prestained Protein Marker is a three colour protein standard with 10 prestained proteins. It has the largest range of molecular weights from 6.5 to 270 kDa.

Ordering information

Cat. No.	Product	Content
MWP03	BlueStar Prestained Protein Marker (500 µl)	Sufficient for 100 mini gels or 50 large gels
MWP04	BlueStar PLUS Prestained Protein Marker (500 µl)	Sufficient for 100 mini gels or 50 large gels
MWP06	BlueEasy Prestained Protein Marker (500 µl)	Sufficient for 100 mini gels or 50 large gels

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