

FastGene™ Precast PAGE Gels

Get the best separation



- ✓ 8 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. You also need buffer? No problem, just order our MOPS buffer packs.

Load up to 60 µl sample on each lane

Get the best separation

Pouring gels for protein separation is time consuming and prone to error. FastGene® Precast Protein Gels are the perfect replacement, facilitating lab work immensely. Due to the proprietary gel casting method, which is more uniform than any self-cast gel, the FastGene® Precast Protein Gels have the advantage of being more consistent, having therefore a much higher reproducibility.

Homogenous or gradient PAGE gels

FastGene® Precast Protein Gels are available in a variety of homogenous and gradient gels. They are formulated for denaturing as well as native gel electrophoresis – depending only on the used running buffer. Our gels are compatible with MOPS or MES buffer.

Superior running performance

FastGene® Precast Protein Gels are casted in a neutral pH environment. Hence, the hydrolysis of polyacrylamide is reduced, resulting in an increased gel stability and superior band resolution. Further advantages are optimised running performance, larger loading volume (up to 60 µl) because of the extra tall wells, which also prevents a lane-to-lane overflow, a higher transfer efficiency and a shelf life of 12 months.

FastGene™ Precast PAGE Gels

Get the best separation



NEED A FREE SAMPLE?



New quality standards

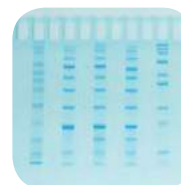
The FastGene® Precast Protein Gels have a revolutionary high-performance. The unique buffer formulation that maintains a low operating pH during the electrophoresis eliminates the "smilies" and poor resolution of self made gels and many competitor Precast gels.

Free sample

You want to test our Precast Protein Gels? No problem! All gels are available as a sample with all components you need for protein electrophoresis. Also with a MOPS buffer Pack! Just contact us, and get your free sample.



Competitor B



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

Compatibility

The gels are compatible with different common protein electrophoresis gel tanks like from Bio-Rad and our FastGene® Electrophoresis Unit.

Manufacturer	Product
All manufacturer using 8 x 10 cm gels	
NGE	FastGene® Protein Chamber
BioRad	Mini PROTEAN II & 3 Mini PROTEAN Tetra System
Hoefler	SE 250 Mighty Small II SE260 Mighty Small II Deluxe

Ordering information

Cat. No.	Product	Content
PG-S012	FastGene® PAGE Gel 8 x 10 cm - 12%	10 gels
PG-S412	FastGene® PAGE Gel 8 x 10 cm - 4-12%	10 gels
PG-S420	FastGene® PAGE Gel 8 x 10 cm - 4-20%	10 gels
PG-S816	FastGene® PAGE Gel 8 x 10 cm - 8-16%	10 gels
PG-MOPS10	FastGene® MOPS Buffer Pouches	10 Pouches for 1 L each

FastGene™ Q-Stain Protein Stain

Like Coomassie Blue only simpler

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

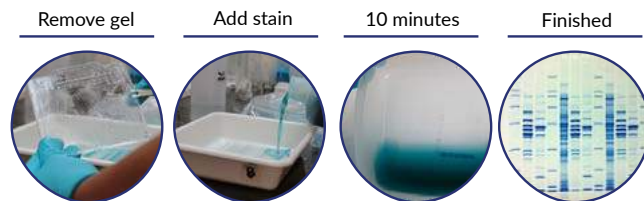
The FastGene® Q-Stain Protein Stain is 100% compatible with mass spectrometry. Just follow the procedure below and analyse your protein:

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 became visible.



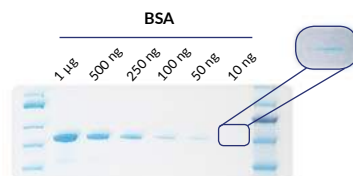
Ordering information

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 stain 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 harmful 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 visualization the 10 ng protein band is shown with a stronger contrast.

FastGene™ Electrophoresis System

Compact, economical, very convenient to use

The FastGene® Protein Electrophoresis chamber was developed specifically for the use of precast PAA (10 x 8 cm) gels for protein electrophoresis. It is made of highly pure, crystal-clear plastic, which facilitates the application of the sample and allows for good visual control during electrophoresis. It can be run simultaneously with two gels. The assembly of the gels into the chamber is facilitated by using an innovative „wedge system“ that prevents leakage of the buffer reservoir. During electrophoresis, the gel cassettes from both sides are surrounded with running buffer to allow efficient cooling and thus sharp protein bands. The chamber is manufactured according to CE directives.



SPECIFICATION

Compact design	✓	Dimensions: 80 mm (L) x 180 mm (W) x 180 mm (H) Capacity of the buffer chamber: 500 ml
Compatible	✓	Compatible for all 10 x 8 cm gels
Flexible	✓	Voltage: 0-600 VDC Current: 0-100 mA

Ordering information

Cat. No.	Product
FG-02	FastGene® Protein Electrophoresis Unit

IDSol™ Running buffer

All you need for a perfect protein electrophoresis

The IDSol™ Running buffer is available as a ready solution or as a measured powder in aluminum foil to make 1 liter of buffer. This eliminates the tedious weighing of SDS and other components.



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