NEW

PAGE-PRO
-10x10cm Precast Gels

Cleaver Scientific's PAGE-PRO composite gels are ideally suited to all SDS-PAGE applications. Each gel has a minimum 12 month shelf life that is guaranteed by a specially formulated, proprietary gel matrix composition, which also provides superior performance compared to traditional Laemmli gels.

Available in single and gradient percentage acrylamide compositions, PAGE-PRO gels are manufactured by an automated filling technique that ensures total reproducibility between batches. PAGE-PRO gels may be used with standard Tris-MOPS, Tris-HEPES and Tris Tricine SDS running buffers, and are suitable for use with our omniPAGE mini vertical electrophoresis and blotting systems.

Features

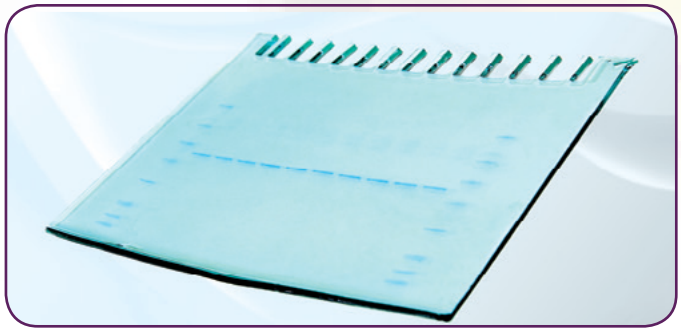
- Guaranteed minimum 12 month shelf life from date of supply
- Fast run times from 45 to 75 minutes
- Universally compatible with standard Tris-MOPS, Tris-HEPES and Tris-Tricine SDS running buffers; compatible with Tris-Glycine blotting buffer
- Available in 10- (30µL per well) and 15-well (15µL per well) formats
- Compatible with most apparatus, including the XCell SureLock™ precast gel systems
- Uses Lithium Dodecyl Sulphate (LDS) sample buffer for optimal sample denaturation and reduction
- Perfect for use in omniPAGE Mini vertical (CVS10 and TETRAD models) and electroblotting systems (CVS10CBS and SB10); semi-dry blot compatible too
- High quality UK manufacture
- Optional sample kit available, containing sample and running buffers and PAGE-PRO colorimetric stain that develops protein gels within 15 minutes!

Ordering Information

CLEAVER PART NUMBER	CLEAVER DESCRIPTION
PPRO41210	PAGE-PRO GRADIENT 4-12% 10 WELL, 10 PACK
PPRO41215	PAGE-PRO GRADIENT 4-12% 15 WELL, 10 PACK
PPRO42010	PAGE-PRO GRADIENT 4-20% 10 WELL, 10 PACK
PPRO42015	PAGE-PRO GRADIENT 4-20% 15 WELL, 10 PACK
PPRO1010	PAGE-PRO 10% 10 WELL, 10 PACK (10X10CM)
PPRO1015	PAGE-PRO 10% 15 WELL, 10 PACK (10X10CM)
PPRO1210	PAGE-PRO 12% 10 WELL, 10 PACK (10X10CM)
PPRO1215	PAGE-PRO 12% 15 WELL, 10 PACK (10X10CM)
PPRO1610	PAGE-PRO 16% 10 WELL, 10 PACK (10X10CM)
PPRO1615	PAGE-PRO 16% 15 WELL, 10 PACK (10X10CM)

Recommended

CLEAVER PART NUMBER	CLEAVER DESCRIPTION
PPRORB500M	10x PAGE-PRO Running Buffer, 500mL, MOPS
PPRORB500H	10x PAGE-PRO Running Buffer, 500mL, HEPES
PPROSB10	4X PAGE-PRO SAMPLE BUFFER, 10ML
PPROSTAIN1L	1L PAGE-PRO 15 MINUTE COLORIMETRIC STAIN
PPROSAMPLEKIT	PAGE-PRO SAMPLE KIT: CONTAINS ENOUGH COLORIMETRIC STAIN SAMPLE AND RUNNING BUFFER FOR 2 PAGE-PRO GELS



Technical Specification

Gel dimensions (W x H x T)	8.5 x 7 x 0.1cm
Cassette dimensions (W x H x T)	10 x 10 x 0.5cm
Gel storage conditions	Store at at 2–8°C*; do not freeze
Shelf life at recommended temperature*	Minimum 12 months
Sample loading volume	10-well: 30µL; 15-well: 15µL
Recommended sample buffer	4x LDS
Recommended running buffer	10x Tris-MOPS-SDS
Gel chemistry	Composite
Gel Format	Mini

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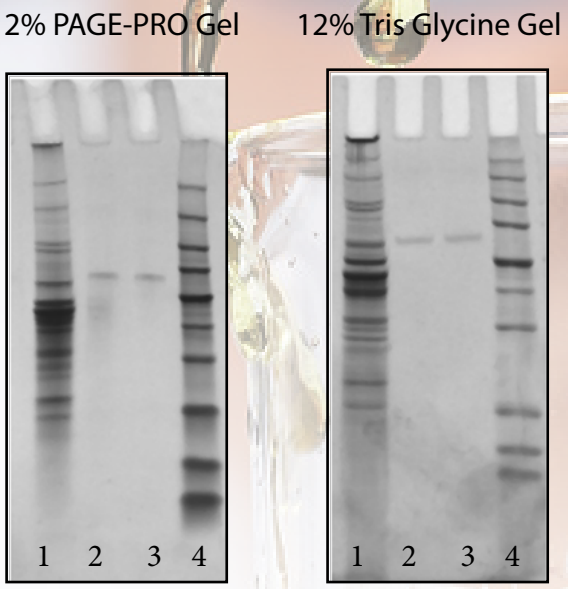
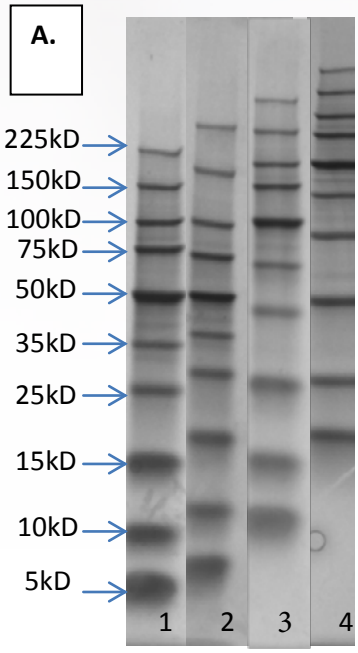
Superior performance for a variety of samples regardless of composition or origin

Each PAGE-PRO gel's specially formulated gel matrix results in enhanced performance compared to traditional Tris-Glycine gels. As a result PAGE-PRO gels deliver more robust, better defined straight bands irrespective of sample composition or origin.

Samples run: total cell lysate (1); BSA (2&3); and protein marker (4).



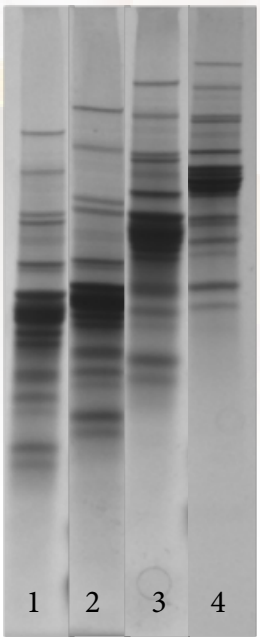
A.



A. Versatile separations for a full range of protein sizes.

Commercial markers 5 to 225kD in size run in PAGE-PRO gels of the following acrylamide concentrations: (1) 10%, (2) 4-12%, (3) 12% and (4)

B.

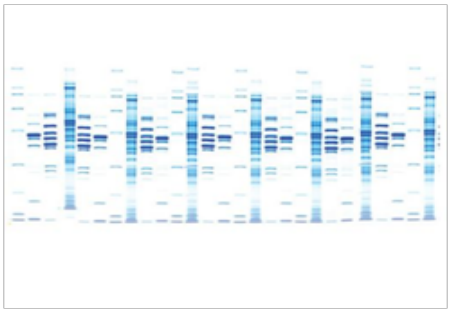


B. High resolving power.

Chicken lysates run in PAGE-PRO gels of the following acrylamide concentrations: (1) 10%, (2) 4-12%, (3) 12% and (4) 16%.

PAGE-PRO 15-minute colorimetric stain.

PAGE-PRO stain is the most sensitive single step protein stain. Simply run your protein gel, add the stain and watch as bands appear in just a few minutes. No washing or destaining is required, while a crystal clear background aids quantitation and maximises sensitivity.



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