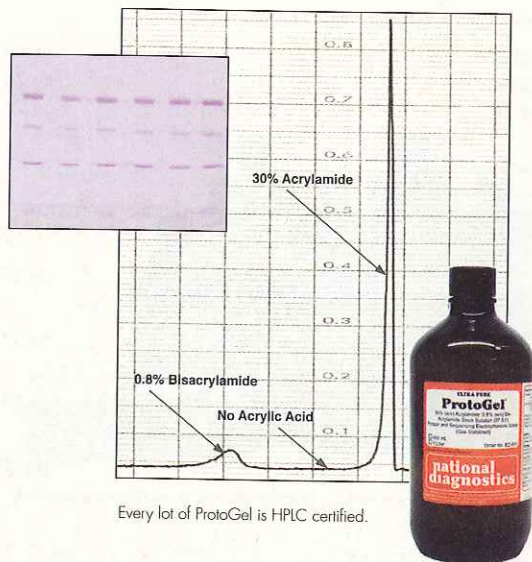


Gel Matrices for Protein Electrophoresis

ProtoGel®



Every lot of ProtoGel is HPLC certified.

- 37.5 : 1 Acrylamide to Bisacrylamide Stabilized Solution
- Available in either 30% or 40% Concentration
- Optimized for SDS-PAGE (Laemmli gels) of Proteins
- Consistently Crystal Clear Gels, Zero Fluorescence
- Stabilized for Long Shelf Life

ProtoGel forms an electrophoresis matrix that is ideal for the separation of proteins and polypeptides. Available in either 30% or 40% concentration, ProtoGel is a stabilized, ready-to-use acrylamide/methylene bisacrylamide solution (37.5:1 ratio), manufactured from the highest quality materials, from which virtually all impurities have been removed. ProtoGel has zero acrylic acid content, eliminating the fixed charges that cause band streaking. Additionally, oxidation products such as aldehydes have been removed by a selective adsorption process. With ProtoGel, you can trust that your results will be consistent one electrophoretic run to the next.

Storage: ProtoGel is stable for 24 months when stored tightly capped in a dark area at room temperature (20°C).

APPLICATIONS

Gel preparation:	2-Dimensional electrophoresis75
Native protein Gels.....	72	Western blotting87
Denaturing protein gels.....	65	Peptide Mapping68
Gradient gels.....	67	Protein Purification69
Molecular wt. determination68	

Product Name	Cat. No.	Size
ProtoGel 30%	EC-890	450 ml
		1 Liter (1-3)
		1 Liter (4 +)
ProtoGel 40%	EC-891	450 ml
		1 Liter (1-3)
		1 Liter (4 +)

ProtoGel Buffers



- Traditional Laemmli Buffer System
- 18 Megohm Water/0.2 Micron Filtration

The use of National Diagnostics' ProtoGel Resolving Buffer and ProtoGel Stacking Buffer will ensure the purity and performance of your Laemmli gels. ProtoGel Buffer forms gels of 0.375 M Tris-HCl and 0.1% SDS, pH 8.8. ProtoGel Stacking Buffer forms gels of 0.125 M Tris-HCl and 0.1% SDS, pH 6.8.

Storage: ProtoGel Resolving Buffer and ProtoGel Stacking Buffer are stable for 24 months when stored tightly capped in a dark area at room temperature (20°C).

Product Name	Cat. No.	Size
ProtoGel Resolving Buffer (4X) [pg 16]	EC-892	450 ml
		1 Liter (1-3)
		1 Liter (4 +)
ProtoGel Stacking Buffer (4X) [pg 16]	EC-893	200 ml
Tris-Glycine-SDS Buffer (10X) [pg 16]	EC-870	1 Liter
		4 Liter (1-3)
		4 Liter (4+)