

PRE-MIXED GELS & SOLUTIONS

POLYACRYLAMIDE GEL APPLICATIONS				
Recommended applications for each formulation are shown in RED				
Acrylamide: MBA Ratio	Gel %	Native DNA/RNA (bp)	Denatured DNA/RNA (bp)	Protein (kd)
19:1	4	400-1500	70-500	100-200
"	6	60-600	40-400	40-150
"	8	40-500	20-200	20-100
"	10	30-300	15-150	15-70
"	12	20-150	10-100	8-60
29:1	5	200-2000	70-800	>150
"	6	80-800	50-500	50-200
"	8	60-400	30-300	30-125
"	10	50-300	20-200	20-100
"	12	40-200	15-125	10-70
"	20	<40	<40	<30
37.5:1	6	.	.	60-200
"	8	.	.	50-150
"	10	.	.	25-100
"	12	.	.	15-80



GEL MATRICES

ORDERING INFORMATION

PROTEIN SEPARATION

EC 890-200	ProtoGel 37,5:1	200 ml
EC 890-450	ProtoGel 37,5:1	450 ml
EC 890-1000	ProtoGel 37,5:1	1000 ml
30% Stabilized 37.5:1 Premixed solution of acrylamid/bisacrylamide Ideal for the separation of proteins and polypeptides.		
EC 852-450	AccuGel 29:1	450 ml
EC 852-1000	AccuGel 29:1	1 Liter
Ready-to-use monomer Premixed 40% Acrylamide/Bisacrylamide solution for the preparation of electrophoresis gels for Protein separation.		
EC 755	ProtoPrep II Kit	450 ml
EC 757	ProtoPrep II buffer	200 ml
EC 756	ProtoPrep II concentrate	200 ml
EC 758	ProtoPrep II dissolution reagent	50 ml
Meltable acrylamide matrix for the electrophoretic separation and purification and recovery of proteins. After the gel is run, proteins from 2 to 200kD can be located excised and recovered from the matrix by melting the gel section in three volumes of dissolution reagent. The ProtoPrep II will melt only once and remains liquefied.		
EC 810-1000	AcrylaGel	1 Liter
AcrylaGel is a 30% stabilized, ready-to-use acrylamide solution.		
EC 820-1000	Bis-AcrylaGel	1 Liter
Bis-AcrylaGel is a ready-to-use, 2% solution of methylene bisacrylamide. Also designed for DNA & RNA separation.		
EC 852-1000	AccuGel 29:1	1 Liter
Ready-to-use monomer Premixed 40% Acrylamide/Bisacrylamide solution for the preparation of electrophoresis gels for Protein separation.		

DNA and RNA SEPARATION

EC 834-450	SequaGel-4	450 ml
EC 832-450	SequaGel-4.25	450 ml
EC 837-450	SequaGel-4.75	450 ml
EC 836-450	SequaGel-6	450 ml
EC 838-450	SequaGel-8	450 ml
EC 841-90	SequaGel Complete Buffer	90 ml
Consist of one bottle of SequaGel monomere solution and SequaGel complete Buffer solution. Simply mix 4 parts of bottle one with 1 part of bottle two to formulate 19:1 denaturing DNA gels of constant percentage.		
EC 833*	SequaGel Sequencing System	1 Kit
EC 840-450	SequaGel Diluant	450 ml
EC 830-450	SequaGel Concentrate	450 ml
EC 835	SequaGel Buffer	100 ml
*Three bottle system to cast 19:1 sequencing gels from 4% up to 20% quickly and conveniently.		
EC 847	SequaGel MD Heteroduplex	1 Kit
EC 846	SequaGel MD SSCP	1 Kit
EC 845	SequaGel MD Monomer Solution	200 ml
For the detection of minor mutational differences in SSCP analysis and Heteroduplex analysis.		
EC 842-450	SequaGel XR	450 ml
EC 843-100	SequaGel XR Concentrate	100 ml
National Diagnostics' proprietary extended read matrix.		
EC 850-1000	AccuGel 19:1	1 Liter
Ready-to-use monomer solutions for the preparation of electrophoresis gels for DNA or RNA.		
EC 810-000	AcrylaGel	1 Liter
AcrylaGel is a 30% stabilized, ready-to-use acrylamide solution.		
EC 820-1000	Bis-AcrylaGel	1 Liter
Bis-AcrylaGel is a ready-to-use, 2% solution of methylene bisacrylamide. Also designed for Protein separation.		