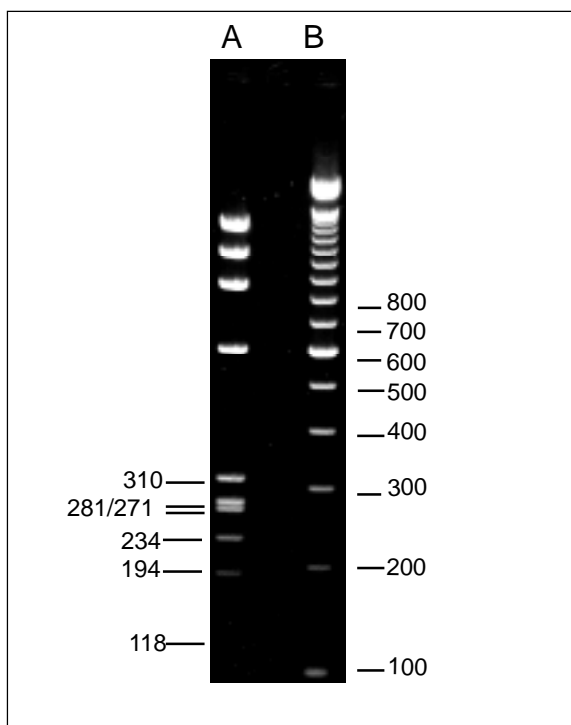


TreviGel™ PCR* Fragment Separation Products

TreviGel is a unique blend of polysaccharides containing AgaCryl™ producing electrophoretic gels with unsurpassed resolving capabilities, strength, and clarity. Two formulations tailored for PCR fragment separation are available.

TreviGel 500

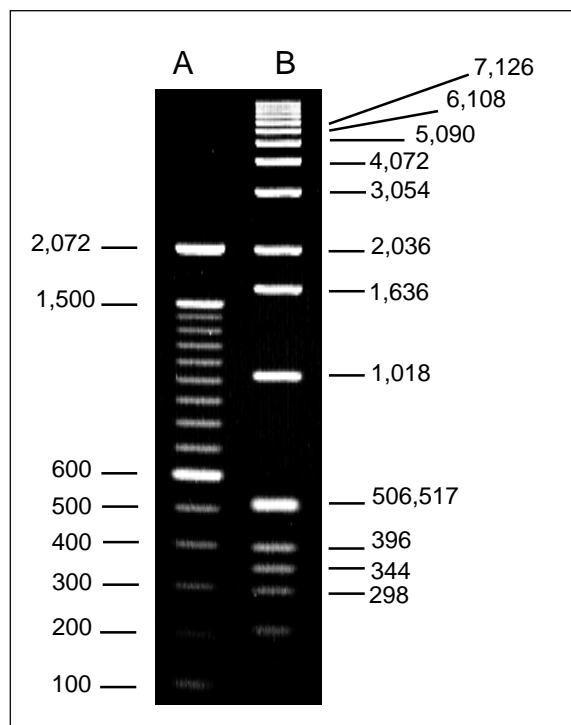
TreviGel 500 is ideal for separating small DNA fragments generated by PCR. TreviGel 500 is available in powder form in several convenient sizes. The concentration of the powder can be adjusted to allow the optimal separation of DNA fragments from 50 to 1300 bp. The powder is quickly and easily prepared by heating in TAE buffer that is typically used for agarose gel electrophoresis. This product approaches polyacrylamide in its separation properties, but does not have the neurotoxic properties of acrylamide.



1.5% TreviGel™ 500. Lane A, 2 µg of ϕ X174/Hae III and Lane B, 2 µg of a 100 bp ladder. The size markers to the side of each lane indicate the number of base pairs. Gels were prepared with 1 X TAE buffer and DNA was visualized by ethidium bromide staining.

TreviGel 5000

TreviGel 5000 is optimized for the separation of DNA fragments in the range of 100 bp to 25,000 bp. TreviGel 5000 powder is available in several sizes and includes easy-to-follow instructions for use. The powder is quickly and easily prepared by heating in TAE buffer. This product replaces agarose in its separation properties. With a lower cost per gel than agarose, TreviGel 5000 achieves better separation, and has the advantages of being clearer (enhancing sensitivity) and stronger.



1.2% TreviGel™ 5000. Lane A, 250 ng of a 100 bp ladder and Lane B, 250 ng of a 1 Kb ladder. The size markers to the side of each lane indicate the number of base pairs. Gels were prepared with 1 X TAE buffer and DNA was visualized by ethidium bromide staining.

* The Polymerase Chain Reaction (PCR) is covered by patents owned by Hoffmann-LaRoche.

Recommended TreviGel Concentrations:

TreviGel 500

<u>Gel Concentration (%)</u>	<u>Recommended Range of DNA Separation (bp)</u>
0.5	300 - 1500
1.0	200 - 1000
1.5	150 - 800
2.0	50 - 600
2.5	48 - 500
3.0	45 - 400

TreviGel 5000

<u>Gel Concentration (%)</u>	<u>Recommended Range of DNA Separation (Kbp)</u>
0.5	2 - 25
0.6	1 - 20
0.7	0.8 - 10
0.9	0.5 - 7
1.2	0.4 - 6
1.5	0.2 - 3
2.0	0.1 - 2

Both TreviGel 500 and 5000 offer:

- ***Excellent gel clarity for enhanced band visualization.*** Use less sample and still generate high quality photographs.
- ***Higher resolution with less band diffusion.*** Achieve separation in a convenient horizontal format with a gel that has virtually undetectable electroendosmosis (EEO).
- ***Compatible with biochemical reactions.*** TreviGel™ purified DNA is compatible with ligation reactions, labeling reactions, and subcloning.
- ***No detectable DNase or RNase activity.***
- ***Efficient band elution by conventional methods.*** Use your choice of either electroelution, glass milk, DEAE paper, crush & soak, or many column based "quick preps".
- ***Great gel strength.*** Easy to manipulate and will not crumble, tear or crack under normal use.
- ***Southern blot compatible.*** Capillary transfer, vacuum transfer, electrotransfer and semi-dry electrotransfer are all successful.

TreviGel 500 Adds:

- ***Use less than other specialty agaroses.*** A 1% TreviGel 500 gel provides approximately the same resolution as a 2% specialty gel.
- ***High voltage capable*.*** Perform "fast" gels at 250 volts in 15 minutes, without sacrificing quality.
- ***Specialty Applications.*** Use TreviGel 500 for Apoptotic DNA laddering, and Electrophoretic Mobility Shift assays.

* Maximum voltage depends on the type of electrophoresis apparatus used.

Pricing and Ordering Information: (To Order, Call 1-800-TREVIGEN (1-800-873-8443))

<u>Cat. #</u>	<u>Description</u>	<u>Size</u>	<u>Price</u>
9804-50-P	TreviGel 500	50 grams	\$ 120.00
9804-100-P	TreviGel 500	100 grams	\$ 225.00
9804-250-P	TreviGel 500	250 grams	\$ 495.00
9806-50-P	TreviGel 5000	50 grams	\$ 75.00
9806-100-P	TreviGel 5000	100 grams	\$ 125.00
9806-250-P	TreviGel 5000	250 grams	\$ 275.00