

Get faster results from your short-run DNA electrophoresis

E-Gels® are pre-cast, ready-to-use agarose gels designed for fast, efficient DNA electrophoresis. The new double comb format allows you to analyze more samples in less time—16 samples are clearly resolved in just 15 minutes. With the E-Gel® double comb gels, you'll save hours of time in all of your short-run DNA electrophoresis applications.

fast and easy E-Gels™

E-Gels are butylerless, pre-cast agarose gels designed to make gel electrophoresis fast and easy. Everything you need—agarose, ethidium bromide and electrodes—is contained in a UV-transparent cassette. Now E-Gels are available in a double comb format for resolving 16 samples in just 15 minutes. When you need a short run for analyzing PCR reactions, restriction digests, or plasmid preparations, use the E-Gel® double comb gels for fast, reliable results.

convenient multi-channel loading

E-Gel® double comb gels are compatible with eight-channel pipettors to increase your electrophoresis throughput. Each gel has two rows of eight lanes that can easily be loaded with an eight-channel pipettor (figure 1). This

figure 1 E-Gel® double comb gel

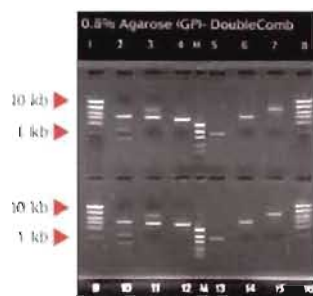


allows you to conveniently load and run two rows from a 96-well plate on a single E-Gel®. In addition, each row includes a half-width lane designed for running a DNA marker:

great results with E-Gel® double comb gels

E-Gel® double comb gels provide you with clear resolution in only 2.9 centimeters of resolving gel. Bands appear crisp and clean (figure 2) so you can easily visualize your results. With E-Gel® double comb gels, you're sure to get the resolution your experiments require in a minimal amount of time and space.

figure 2 0.8% E-Gel® double comb results



Lanes 1,8,9,16: High DNA Mass Ladder
 Lanes 2,10: pcDNA3.1/ Nco I cut (150 ng)
 Lanes 3,11: pcDNA3.1 uncut (120 ng)
 Lanes 4,12: pUC18/ Pst I cut (60 ng)
 M: Low DNA Mass Ladder
 Lanes 5,13: 1 kb PCR product
 Lanes 6,14: 3 kb PCR product
 Lanes 7,15: 5 kb PCR product

new E-Gel® PowerBase™ makes electrophoresis even simpler

The new E-Gel® double comb gels can be run on a standard E-Gel® Base in conjunction with your own power supply, or on the new E-Gel® PowerBase™ v. 4. The E-Gel® PowerBase™ is an E-Gel® base and power supply all in one. Simply place your E-Gel® into the PowerBase™; plug it into any electrical outlet, and you're ready for electrophoresis. The PowerBase™ has a 15-minute run cycle for the E-Gel® double comb gels or a 30-minute option for running traditional E-Gels:

save time and get more done

With the new E-Gel® double comb gels you can simultaneously analyze 16 samples, see your results quickly, and move on with your research. Multi-channel loading saves you time and makes your experiments run more efficiently. Try the E-Gel® double comb gels and start enjoying the latest in convenient agarose gel electrophoresis. Order today.

Product	Cat. no.
E-Gel® double comb gel, 0.8%, 18-pak	G6018-08
E-Gel® double comb gel, 2%, 18-pak	G6018-02
E-Gel® PowerBase™ v. 4	G6200-04

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