



invitrogen

# E-Gel precast agarose gels

Innovative, fast, bufferless agarose gel electrophoresis

**ThermoFisher**  
SCIENTIFIC



# Contents



E-Gel precast agarose gel electrophoresis system .....	4
E-Gel system for routine DNA or RNA electrophoresis (8 to 16 samples per gel).....	5
E-Gel precast agarose gels for routine DNA and RNA electrophoresis .....	6
E-Gel precast agarose gels with SYBR Safe DNA Gel Stain .....	7
E-Gel EX precast agarose gels .....	8
E-Gel CloneWell precast agarose gels .....	10
E-Gel agarose system for high-throughput DNA electrophoresis .....	13
E-Gel precast agarose gels for high-throughput DNA electrophoresis .....	15
Choose the E-Gel precast gels that fit your needs.....	16
E-Gel DNA ladders and sample loading buffer .....	17

# E-Gel precast agarose gel electrophoresis system

## Routine electrophoresis

### E-Gel system for routine DNA or RNA electrophoresis (8 to 16 samples per gel)

Combining Invitrogen™ E-Gel™ precast agarose gels with the Invitrogen™ E-Gel™ iBase™ Power System and Invitrogen™ E-Gel™ Safe Imager™ Real-Time Transilluminator, this system offers fast and convenient electrophoresis of nucleic acids in the 20 bp–10 kb range.

### The E-Gel system for routine electrophoresis enables:

- Analysis of PCR products, restriction digests and plasmid preparations
- 10-minute run time with Invitrogen™ E-Gel EX gels, without the messy prep work of pouring hot agarose, making buffers or staining gels
- More efficient cloning—to optimize cloning experiments with this system, use Invitrogen™ E-Gel™ CloneWell™ Gels with SYBR™ Safe DNA Gel Stain, 0.8%: unique double-comb gels for simultaneous nucleic acid separation and band isolation



E-Gel EX gels for rapid, routine gel runs



E-Gel 96 gels for high-throughput screening

## High-throughput electrophoresis

### E-Gel system for high-throughput DNA screening (48 to 96 samples per gel)

Turn routine agarose gel electrophoresis into an automated, high-throughput operation with an Invitrogen™ E-Gel high-throughput system. Fully automated, robot-compatible and ready to use, the E-Gel 48 and 96 gels, used with E-Base™ integrated devices, can make your high-throughput screening assignments simple.



# Routine electrophoresis

E-Gel system for routine DNA or RNA electrophoresis (8 to 16 samples per gel)

Use any low-throughput E-Gel precast agarose gel type with this system, including Invitrogen™ E-Gel™ CloneWell™ and E-Gel™ SizeSelect™ gels for optimized cloning.

SizeSelect gels offer a fast and easy method to purify and recover DNA fragments directly from the gel with a pipette and to accelerate and simplify gel purification of your DNA and improve cloning results.

## The Invitrogen™ E-Gel™ iBase™ Power System offers:

- Fast run time
- Programmable control
- Compatibility with all low-throughput E-Gel precast gels



Step 1: Snap in E-Gel precast gel

Step 2: Load samples and markers

Step 3: Run with preset or personalized protocol



E-Gel precast gel and iBase

+

E-Gel Safe Imager

=

Complete E-Gel electrophoresis system

## The E-Gel Safe Imager Real-Time Transilluminator

- Real-time monitoring of DNA migration
- Improved safety for the user
- Enhanced cloning efficiency of retrieved DNA

Everything you need for fast, bufferless and efficient electrophoresis

# E-Gel precast agarose gels for routine DNA and RNA electrophoresis

E-Gel precast gels help make agarose electrophoresis fast, easy and safe

E-Gel precast gels are self-contained and ready for use with agarose, electrodes and DNA stain (ethidium bromide or Invitrogen™ SYBR™ Safe DNA Gel Stain), and packaged inside a dry, disposable, UV-transparent cassette. There are no gels to pour, buffers to make, staining or destaining steps to perform or gel boxes to assemble. Just load your samples and run. E-Gel precast gels offer excellent resolution and clarity in as little as 12 minutes and are ideal for analyzing PCR products, restriction digests and plasmid preparations.

These 12-well, single-comb gels are available in a variety of formats: with SYBR Safe DNA Gel Stain or ethidium bromide, and with agarose percentages suitable for either general purpose (0.8%, 1.2% and 2%) or high resolution (4%) separations.



**E-Gel precast agarose gels offer flexibility and versatility in a convenient, affordable gel.**

The SPEED E-Gel preset program allows separation of DNA in 7 minutes over a 2.5 cm run length, and can be used with 0.8%, 1.2% or 2% E-Gel precast gels. In addition, the E-Gel iBase Power System includes an automatic shutoff feature, so you won't overrun your gel.

**Get fast and sensitive analysis of DNA and RNA samples—minimize time-consuming and messy prep work**

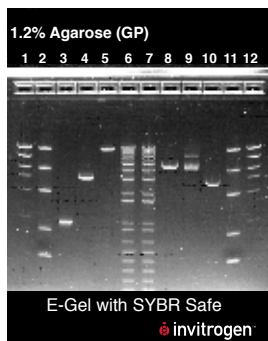
Run samples up to twice as fast as with conventional hand-cast gels. With a variety of agarose concentrations, well formats and throughput capacities available to suit any application need, electrophoresis has never been easier. With E-Gel precast gels, you can run the gels any time. Just snap, load and run the gels. Finish in less than half the time.

# E-Gel precast agarose gels with SYBR Safe DNA Gel Stain

For researchers who want quality results without using ethidium bromide

SYBR Safe DNA stain is a fluorescent gel stain with sensitivity similar to that of ethidium bromide, while being considerably safer to handle. It is not classified as a hazardous waste product under US federal regulations and meets the requirements of both the Clean Water Act\* and National Pollutant Discharge Elimination System regulations.\*\*

- SYBR Safe DNA Gel Stain does not cause mutations, chromosomal aberrations or transformations in appropriate mammalian test systems
- A single administration of SYBR Safe DNA Gel Stain produces no signs of mortality or toxicity at a limit dose of 5,000 mg/kg
- Visualizing E-Gel precast gels with SYBR Safe DNA stain using blue-light transilluminators dramatically reduces DNA damage that can lower cloning efficiency



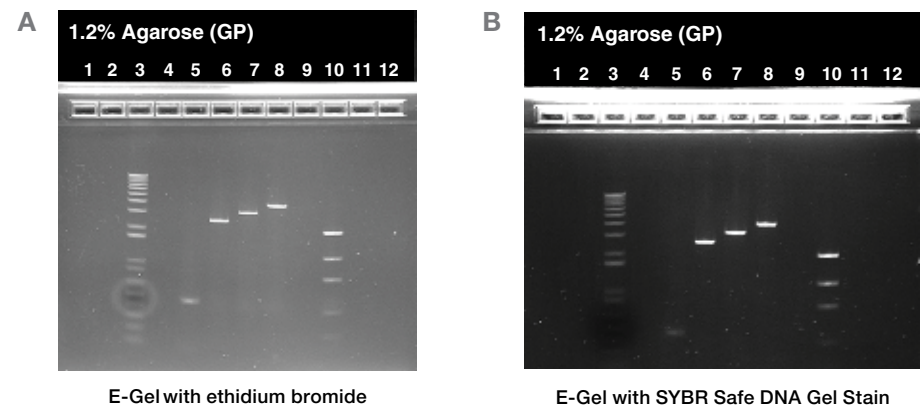
**Figure 1. An example of DNA samples run on an E-Gel 2% precast gel with SYBR Safe DNA Gel Stain**

Samples were loaded in a total volume of 20  $\mu$ L and visualized on a standard 312 nm UV transilluminator. Photographs were taken using the MiniBIS™ photo documentation system from DNR, and the SYBR Safe photographic filter using an exposure time of 1.8 seconds.

## Why use these unique precast gels?

- Minimize hazardous waste, since SYBR Safe DNA Gel Stain is not classified as such under US federal regulations
- Protect yourself and your coworkers, because they eliminate the use of ethidium bromide and helps reduce UV exposure
- Maximize cloning efficiency, since they dramatically reduce DNA damage if using blue-light transilluminators

## A selection of E-Gel precast gels to suit your staining preferences Ultrasensitive detection of DNA



**Figure 2. Examples of DNA samples run on E-gels with ethidium bromide or SYBR Safe stain. (A)** 1.2% agarose with ethidium bromide, viewed on a standard UV transilluminator. **(B)** 1.2% agarose with SYBR Safe stain, viewed on the Invitrogen™ Safe Imager™ 2.0 Blue-Light Transilluminator. Gels were loaded with identical samples. **Lane 3:** Invitrogen™ E-Gel™ 1 Kb Plus DNA Ladder; **lane 5:** 462 bp PCR product; **lane 6:** 2,497 bp PCR product; **lane 7:** 3,123 bp PCR product; **lane 8:** 3,871 bp PCR product; **lane 10:** Invitrogen™ Low DNA Mass Ladder. All PCR products were amplified with Invitrogen™ Pfx50™ DNA Polymerase.

\*Testing performed by AMEC Earth and Environmental San Diego Bioassay Laboratory, San Diego, CA.

\*\*Testing performed by Northview Pacific Laboratories, Inc., Hercules, CA.

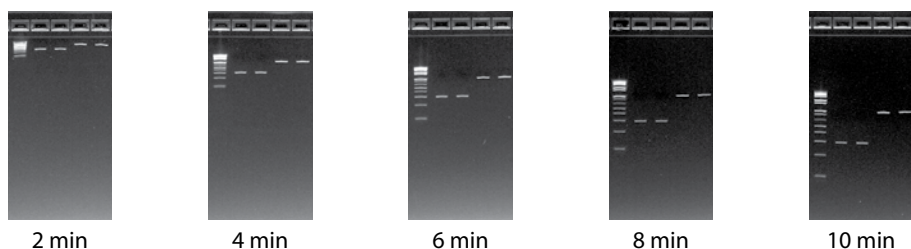
# E-Gel EX precast agarose gels

Our fastest, most sensitive and flexible precast agarose gels

E-Gel EX precast gels were developed for ultimate sensitivity, with over 5-fold greater sensitivity when compared to gels containing ethidium bromide. The superior sensitivity allows you to use lower amounts of sample, saving time and money.

## The fastest-resolving gels in the E-Gel product line, E-Gel EX precast gels offer:

- Complete separation in just 10 minutes (Figure 3)
- Ultrasensitive detection of DNA (Figure 4)
- Quick visualization of RNA sample integrity (Figure 5)
- Live monitoring of DNA migration without the hazards of UV light
- Easy access to the gel for extraction of DNA bands or transfer to membranes for Southern blotting

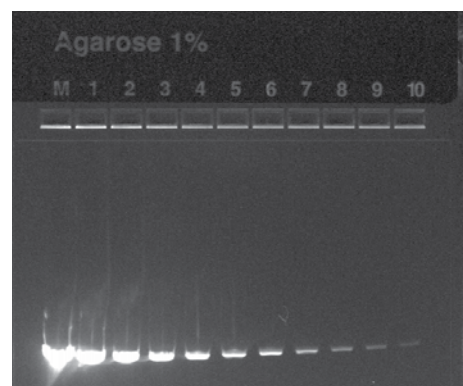


**Figure 3. DNA separation on E-Gel EX gels at various time points.** DNA samples were separated on a 2% E-Gel EX Gel using the preset E-Gel EX program on the E-Gel iBase Power System and visualized at the time points indicated. Lanes, left to right: **lane 1:** E-Gel 1 Kb Plus DNA Ladder (Cat. No. 10488-090); **lanes 2–5:** PCR products of various molecular weights.



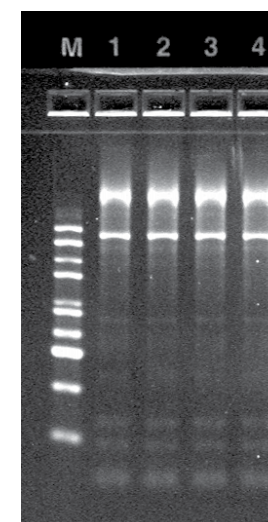
## Highest sensitivity

Get 5-fold greater sensitivity without the hazards of UV exposure.



**Figure 4. Sensitivity of DNA detection with E-Gel EX Gels.**

Two-fold serial dilutions of a 1 kb fragment ranging from 1,000 ng to 1 ng were separated on a 1% E-Gel EX Gel. Blue-light transillumination (with a Safe Imager transilluminator) was used during documentation.



**Figure 5. Check the integrity of your RNA samples using E-Gel EX Gels.**

RNA samples were separated on a 2% E-Gel EX Gel. **Lane M:** Ambion™ 0.1–2 Kb RNA Ladder (Cat. No. 15623-100); **lanes 1–4:** mouse total RNA, 200 ng per lane.



# E-Gel EX precast agarose gels

## Easily excise DNA bands of your choice

Access your purified sample with our easy-to-open cassette design. E-Gel EX precast gels can be opened to allow bands of choice to be excised after the run.

## Easy-to-open cassettes

**Access gels easily and safely for downstream applications.**



E-Gel EX Gel cassettes are easy to open with the gel knife included in E-Gel EX starter kits.

## E-Gel EX precast gel formats

**E-Gel EX precast gels are offered in 10- and 20-pack sizes.**

Starter kits are an economical way to begin and include gels, devices and accessories.

Follow these simple steps to excise your DNA band of choice:

1. Place the cassette on a bench with the wells facing up
2. Insert the sharp edge of the gel knife in the groove between the cassette halves, and lever the knife up and down
3. Open the cassette and excise the band

For more pack-size options for E-Gel EX Gels, go to [thermofisher.com/egels](http://thermofisher.com/egels)

DNA electrophoresis has never been so simple. Your agarose gel is ready to use, for any application and throughput. You can quickly separate, purify and recover your nucleic acid fragments right from the gel.



## Ordering information

Product	Quantity	Cat. No.
E-Gel EX Gel Starter Kit, 1%*	1 kit	G6511ST†
E-Gel EX Gel Starter Kit, 2%*	1 kit	G6512ST‡
E-Gel EX Agarose Gels, 1%	10 gels	G4010-01
E-Gel EX Agarose Gels, 1%	20 gels	G4020-01
E-Gel EX Gel, 2%	10 gels	G4010-02
E-Gel EX Gel, 2%	20 gels	G4020-02
E-Gel EX Gel, 4%	10 gels	G4010-04

\*Each starter kit includes an E-Gel iBase Power System, E-Gel Safe Imager Real-Time Transilluminator, viewing glasses, DNA ladder, gel knife and E-Gel EX Gels (10 gels).

†Request catalog number G6511STUK in the United Kingdom and catalog number G6511STEU in other European countries.

‡Request catalog number G6512STUK in the United Kingdom and catalog number G6512STEU in other European countries.

# E-Gel CloneWell precast agarose gels

The smartest way to gel-purify your DNA

## With E-Gel CloneWell precast gels, you can:

- Gel-purify your DNA in 3 simple steps
- Get improved cloning efficiencies
- View bands in real time and minimize DNA damage
- Collect multiple bands from the same gel lane

E-Gel CloneWell precast gels are double-comb gels with a twist. Load your sample into the top row and electrophorese until your band migrates into the bottom row. Then, simply pipette out your purified DNA band and you're ready to clone (Figure 6). That's it. No additional purification kits or steps are required. Use the E-Gel iBase Power System, a compact, self-contained device with a built-in power supply, and the E-Gel Safe Imager Real-Time Transilluminator, to run and visualize E-Gel CloneWell precast gels.



Load



Run—watch live migration of DNA



Retrieve—DNA is ready for cloning



Figure 6. Gel purification in 3 simple steps.

# E-Gel CloneWell precast agarose gels

## Get improved cloning efficiencies

Exposure of your DNA sample to UV light during visualization may lead to DNA damage and reduced cloning efficiencies. Using E-Gel CloneWell gels together with the Safe Imager transilluminator minimizes UV damage and improves cloning efficiency when compared to conventional methods (Figure 7).

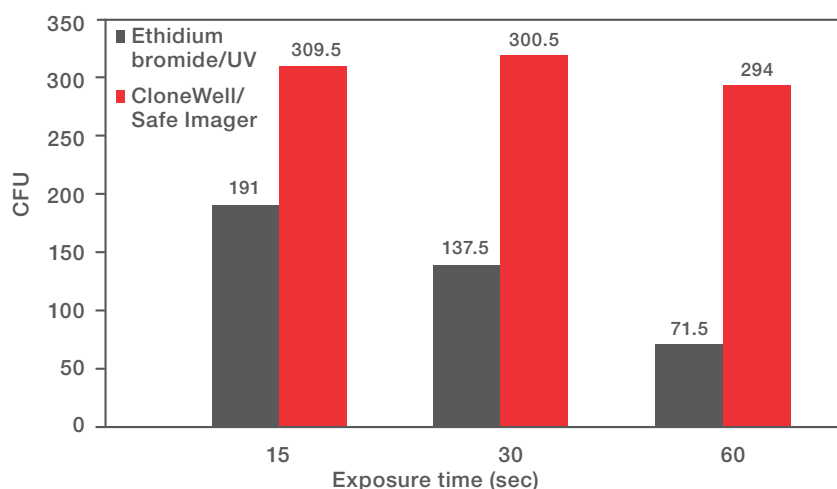


Figure 7: Results obtained using the Invitrogen™ TOPO™ TA Cloning Kit (Cat. No. K461020) after E-Gel CloneWell gel purification, compared to a conventional method.



For maximum convenience and to avoid UV damage, run E-Gel CloneWell precast gels in the E-Gel iBase Power System and E-Gel Safe Imager Real-Time Transilluminator.

## Ordering information

Product	Quantity	Cat. No.
E-Gel CloneWell Agarose Gels with SYBR Safe DNA Gel Stain, 0.8% + E-Gel iBase Power System + E-Gel Safe Imager Transilluminator Starter Kit	1 kit*	G6500ST
E-Gel Safe Imager Real-Time Transilluminator	1	G6500
E-Gel 96 High Range DNA Marker	100 applications	12352-019
E-Gel CloneWell Agarose Gels with SYBR Safe DNA Gel Stain, 0.8%	18 gels	G6618-08

\*Includes 1 E-Gel iBase Power System, 1 E-Gel Safe Imager Real-Time Transilluminator, 1 E-Gel 96 High Range DNA Ladder, and 18 E-Gel CloneWell 0.8% SYBR Safe gels.





# High-throughput electrophoresis

## E-Gel agarose system for high-throughput DNA electrophoresis

For high-throughput DNA electrophoresis, our Invitrogen™ E-Gel™ 48 and E-Gel™ 96 precast gels run on a specially designed, space-saving system of E-Base™ integrated devices—each a combined gel base and power supply all in one.

**Invitrogen™ Mother E-Base™ Electrophoresis Device** (Cat No. wEB-M03) has an electrical plug that can be connected directly to an electrical outlet and is used for electrophoresis of one E-Gel 48, E-Gel 96 or Invitrogen™ E-PAGE™ 96 precast gel.

Each Mother E-Base device has a power/program and time button and contains an LED light and a digital display. The gel cassette is inserted into the two electrode connections.

**Invitrogen™ Daughter E-Base Electrophoresis Device** (Cat. No. EB-D03) connects to the Mother E-Base device, and together they can be used for the electrophoresis of two or more E-Gel 48, E-Gel 96 or E-PAGE 96 precast gels.

Connect multiple Daughter E-Base devices to the Mother E-base device to create a multiunit system capable of running over 20 gels at once. Each base has an LED, digital timer display, and power/program and timer button to indicate and control the electrophoresis process. Preset programs include a 12-minute DNA program for running E-gel 96 gels and a 14-minute protein run program for running E-PAGE 96 gels. An extended 23-minute runtime is used to run E-Gel 48 gels.

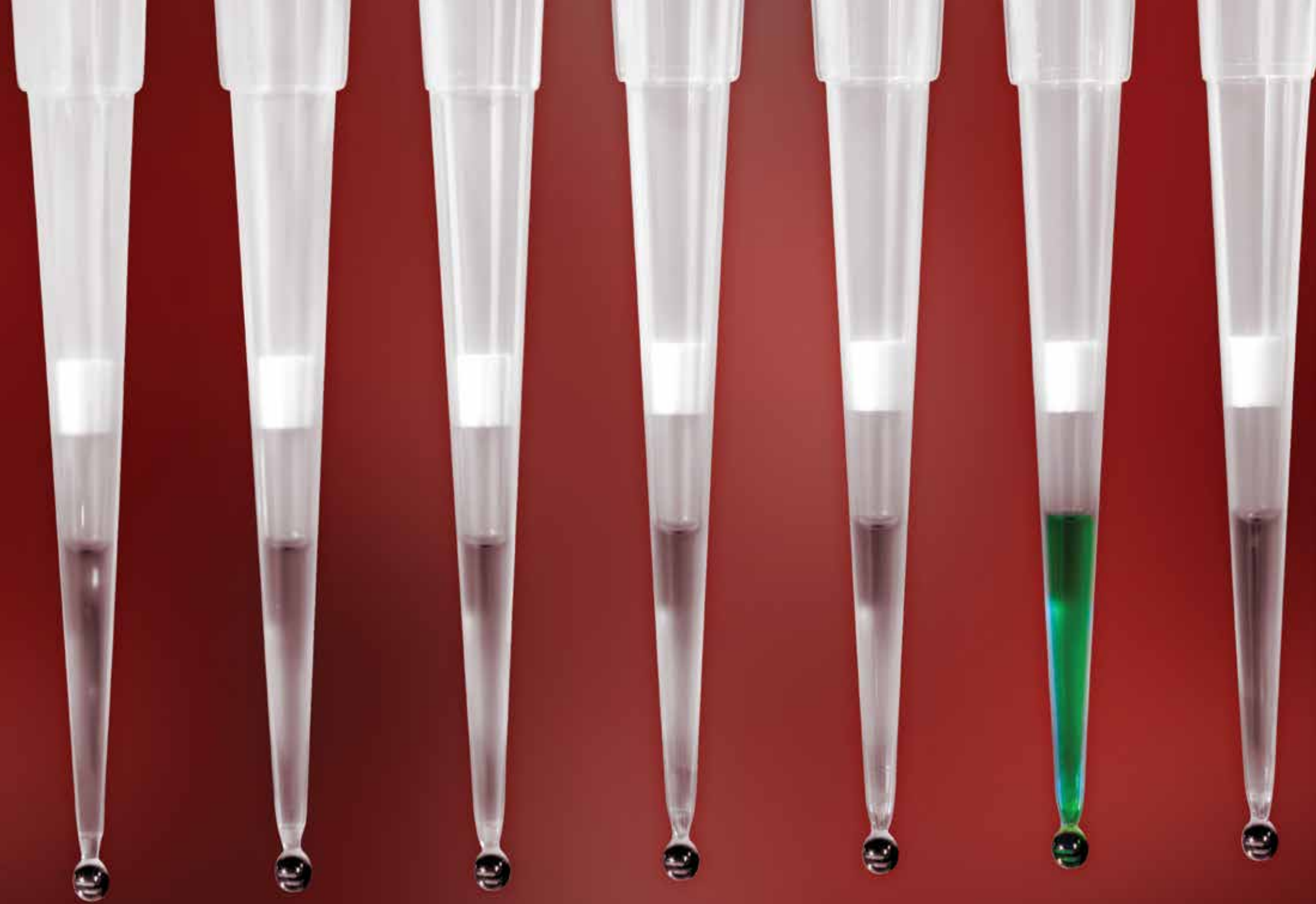
**Mother E-Base device**



**Daughter E-Base device**

**Note:** The Daughter E-Base device does not have an electrical plug and cannot be used without a Mother E-Base device.

Run more than 20 gels at a time with our expandable, space-saving system



# E-Gel precast agarose gels for high-throughput DNA electrophoresis

E-Gel 48 and E-Gel 96 precast gels for use with our high-throughput DNA electrophoresis system

E-Gel 48 and E-Gel 96 precast agarose gels are ready to use and designed for medium- to high-throughput resolution of DNA fragments. Each gel contains 48 sample wells and 4 marker wells in 1%, 2% or 4% high-resolution agarose with a 3.2 cm run length. The various agarose percentages are used to separate DNA fragments of different sizes:

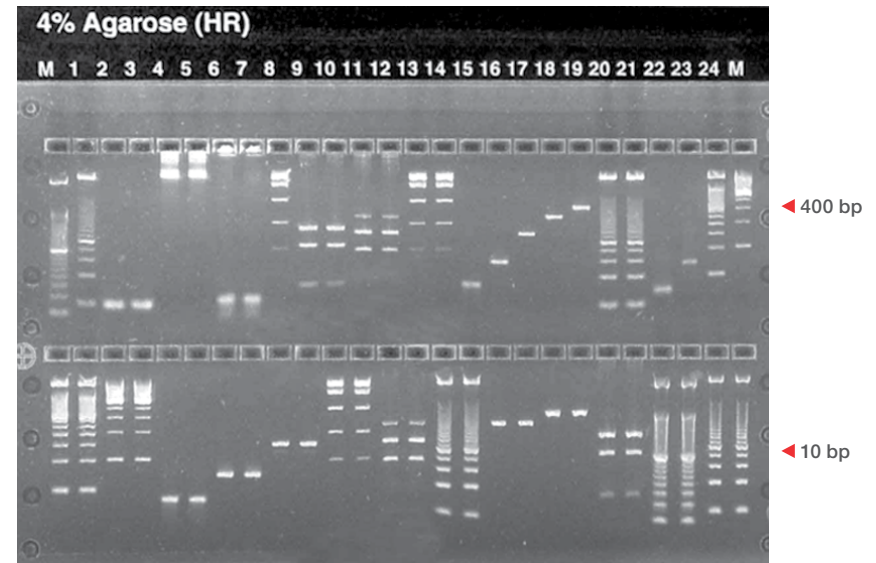
**1% agarose gels—DNA fragments between 400 bp and 10 kb**

**2% agarose gels—DNA fragments between 50 bp and 3 kb**

**4% agarose gels—DNA fragments between 10 bp and 400 bp**

## Using E-Gel 48 precast gels

Load the E-Gel 48 precast gel with a multichannel pipettor or robotic liquid handling systems for increased throughput. E-Gel 48 precast gels run on the Mother and Daughter E-Base integrated power supplies. DNA bands resolve clearly in just 20 minutes (Figure 8).









**Figure 8. Clear resolution on the E-Gel 48 4% agarose gel.** Various samples, including DNA ladders, dsRNA and PCR products, ranging in size from 10–400 bp, were run on an E-Gel 48 precast gel.

## E-Gel 96 precast agarose gels

E-Gel 96 precast gels are self-contained, and include agarose, a proprietary buffer system, ethidium bromide and electrodes packaged inside a dry, disposable, UV-transparent cassette. Each E-Gel 96 precast gel contains 96 sample lanes and 8 marker lanes in a proprietary, staggered-well format. The wells of E-Gel 96 precast gels are compatible with the standard 96-well plate format for automated loading.

# Choose the E-Gel precast gels that fit your needs

Product	Description	Focus	Incorporated stain	Run time	Agarose %	Resolution
E-Gel	 <p>Single row of 12 sample wells, or 2 rows with 8 sample wells and 1 marker well each</p> <p>Spaced for compatibility with 8-channel pipettors for easy multisample loading</p>	General purpose	SYBR Safe or ethidium bromide	30 min	0.8% 1.2% 2.0% 4.0%	800 bp–10 kb 100 bp–5 kb 100 bp–2 kb 20 bp–500 bp
E-Gel EX	 <p>Single row of 10 sample wells and 1 marker well</p> <p>Ultrasensitive detection</p> <p>Easy access to the gel for extraction of DNA bands or transfer to membranes for Southern blotting</p>	Fastest resolving gel	SYBR Gold	10 min	1.0% 2.0%	100 bp–5 kb 50 bp–2 kb
E-Gel CloneWell	 <p>2 rows of 8 sample wells and 1 marker well</p> <p>Simplify DNA recovery</p> <p>Remove purified DNA directly from the well with a pipette</p>	High-efficiency cloning	SYBR Safe	14–36 min	0.8%	100 bp–6 kb
E-Gel SizeSelect	 <p>2 rows of 8 sample wells and 1 marker well</p> <p>Most convenient method for the purification of DNA libraries for next-generation sequencing (NGS) applications</p>	Purification of DNA for NGS	SYBR Gold	8–20 min	0.8%, 2.0%	50 bp–6 kb 50 bp–1 kb
E-Gel 48	 <p>48 sample wells and 4 marker wells</p> <p>Compatible with multichannel pipettors or liquid handling robots for increased throughput</p>	Med/high throughput	Ethidium bromide	20 min	1.0% 2.0% 4%	400 bp–10 kb 50 bp–3 kb 10 bp–400 kb
E-Gel 96	 <p>96 sample wells and 8 marker wells in a unique staggered-well format</p> <p>Compatible with multichannel pipettors and 8-, 12- and 96-pin liquid handling robots for high-throughput electrophoresis</p>	High throughput	SYBR Safe or ethidium bromide	12 min	1.0% 2.0%	1 kb–10 kb 100 bp–2 kb



# E-Gel DNA ladders and sample loading buffer

## DNA ladders (nucleic acid markers)

The room-temperature stable, ready-to-use E-Gel 1 Kb Plus DNA Ladder is premixed with loading buffer and is formulated specifically for maximum performance on E-Gel EX gels as well as other E-Gel precast gels. Standard ladders not premixed with loading buffer may also be used, but in significantly lower amounts than required for other gels. 0.1–2 kb and 0.5–10 kb RNA ladders may be used when separating RNA samples.



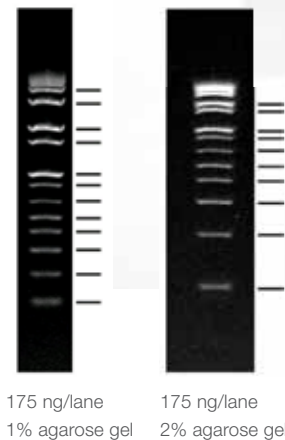
## Sample loading buffer

Invitrogen™ E-Gel™ Sample Loading Buffer is a 1X buffer designed for use with E-Gel precast gels. The buffer comes ready to use, and does not require further dilution. It contains the unique tracking dyes Xylene Cyanol FF (XCFF) and Tartrazine. These dyes allow you to visually track DNA migration during electrophoresis, and indicate when maximum resolution is achieved.



## Ordering information

Product	Quantity	Cat. No.
<b>DNA markers</b>		
E-Gel 1 Kb Plus DNA Ladder	100 apps	10488-090
E-Gel 50 bp Plus DNA Ladder	100 apps	10488-099
E-Gel 25 bp Plus DNA Ladder	100 apps	10488-095
E-Gel Sample Loading Buffer, 1X	4 x 1.25 mL	10482-055



The E-Gel 1 Kb Plus DNA Ladder was run on 1% and 2% E-Gel EX agarose gels with the E-Gel iBase Power System using the E-Gel EX 1–2% program setting for 8 minutes. Bands were visualized with the E-Gel Safe Imager transilluminator.

## Ordering information

Product	In-gel dye	Gel percentage	Quantity	Cat. No.
<b>E-Gels for routine use</b>				
E-Gel Agarose Gels Starter Pack, 0.8%	Ethidium bromide	0.8%	1 pack	G6000-08
E-Gel Agarose Gels Starter Pack, 1.2%	Ethidium bromide	1.2%	1 pack	G6000-01
E-Gel Agarose Gels Starter Pack, 2%	Ethidium bromide	2%	1 pack	G6000-02
E-Gel Agarose Gels with SYBR Safe DNA Gel Stain Starter Kit, 1.2%	SYBR Safe DNA Gel Stain	1.2%	1 kit	G6206-01
E-Gel Agarose Gels with SYBR Safe DNA Gel Stain Starter Kit, 2%	SYBR Safe DNA Gel Stain	2%	1 kit	G6206-02
E-Gel Double Comb Agarose Gels, 0.8%	Ethidium bromide	0.8%	18 gels	G6018-08
E-Gel Double Comb Agarose Gels, 2%	Ethidium bromide	2%	18 gels	G6018-02
E-Gel General Purpose Agarose Gels, 0.8%	Ethidium bromide	0.8%	18 gels	G5018-08
E-Gel General Purpose Agarose Gels, 1.2%	Ethidium bromide	1.2%	18 gels	G5018-01
E-Gel General Purpose Agarose Gels, 2%	Ethidium bromide	2%	18 gels	G5018-02
E-Gel Agarose Gels with SYBR Safe DNA Gel Stain, 1.2%	SYBR Safe DNA Gel Stain	1.2%	18 gels	G5218-01
<b>E-Gel precast gels for high throughput</b>				
E-Gel 48 Agarose Gels, 1%	Ethidium bromide	1%	8 packs	G8008-01
E-Gel 48 Agarose Gels, 2%	Ethidium bromide	2%	8 gels	G8008-02
E-Gel 48 Agarose Gels, 2% (for use with HLA typing kits)	Ethidium bromide	2%	8 gels	A10571
E-Gel 48 Agarose Gels, 4%	Ethidium bromide	4%	8 gels	G8008-04
E-Gel 96 Agarose Gels, 1%	Ethidium bromide	1%	8 gels	G7008-01
E-Gel 96 Agarose Gels, 2%	Ethidium bromide	2%	8 gels	G7008-02
E-Gel 96 Agarose Gels, 2% (for use with HLA typing kits)	Ethidium bromide	2%	8 gels	A10570
E-Gel 96 Gels with SYBR Safe DNA Gel Stain, 2%	SYBR Safe DNA Gel Stain	2%	8 gels	G7208-02
E-Gel Agarose Gels with SYBR Safe DNA Gel Stain, 2%	SYBR Safe DNA Gel Stain	2%	18 gels	G5218-02
<b>E-Gel EX gels, fastest resolving</b>				
E-Gel EX Agarose Gels Basic Starter Kit, 1%	SYBR Gold Nucleic Acid Stain	1%	1 kit	G6411ST
E-Gel EX Agarose Gels Basic Starter Kit, 1%, UK Version	SYBR Gold Nucleic Acid Stain	1%	1 kit	G6411STUK
E-Gel EX Agarose Gels Basic Starter Kit, 2%	SYBR Gold Nucleic Acid Stain	2%	1 kit	G6412ST
E-Gel EX Agarose Gels Basic Starter Kit, 2%, UK Version	SYBR Gold Nucleic Acid Stain	2%	1 kit	G6412STUK

## Ordering information

Product	In-gel dye	Gel percentage	Quantity	Cat. No.
<b>E-Gels for routine use</b>				
E-Gel EX Agarose Gels Starter Kit, 1%*	Proprietary stain	1%	1 kit	G6511ST†
E-Gel EX Agarose Gels Starter Kit, 2%*	Proprietary stain	2%	1 kit	G6512ST‡
E-Gel EX Agarose Gels, 1%	Proprietary stain	1%	10 gels	G4010-01
E-Gel EX Agarose Gels, 1%	Proprietary stain	1%	20 gels	G4020-01
E-Gel EX Agarose Gels, 2%	Proprietary stain	2%	10 gels	G4010-02
E-Gel EX Agarose Gels, 2%	Proprietary stain	2%	20 gels	G4020-02
E-Gel EX Agarose Gels, 4%	Proprietary stain	4%	10 gels	G4010-04
<b>E-Gel CloneWell precast gels for cloning</b>				
E-Gel CloneWell Agarose Gels with SYBR Safe DNA Gel Stain, 0.8% + E-Gel iBase Power System + E-Gel Safe Imager Transilluminator Starter Kit	SYBR Safe DNA Gel Stain	0.8%	1 each	G6500ST*
E-Gel CloneWell Agarose Gels with SYBR Safe DNA Gel Stain, 0.8%	SYBR Safe DNA Gel Stain	0.8%	18 gels	G6618-08
<b>E-Gel NGS and SizeSelect gels</b>				
E-Gel NGS Agarose Gels, 0.8%	SYBR Safe DNA Gel Stain	0.8%	10 gels	A25798
E-Gel NGS Agarose Starter Kit, 0.8%§	SYBR Safe DNA Gel Stain	0.8%	1 kit	A25798ST
E-Gel SizeSelect Agarose Gels Starter Kit, 2%††	Proprietary stain	2%	1 kit	G6612ST
E-Gel SizeSelect Agarose Gels, 2%	Proprietary stain	2%	10-pack	G6610-02
<b>E-Gel, other gel types</b>				
E-Gel High-Resolution Agarose Gels, 4%	Ethidium bromide	4%	18 gels	G5018-04
E-Gel Go! Agarose Gels Starter Kit, 1%‡‡	Proprietary stain	1%	1 each	G4401ST
E-Gel Go! Agarose Gels Starter Kit, 2%**	Proprietary stain	2%	1 each	G4402ST
E-Gel Go! Agarose Gels, 1%	Proprietary stain	1%	10 gels	G441001
E-Gel Go! Agarose Gels, 1%	Proprietary stain	1%	20 gels	G442001
E-Gel Go! Agarose Gels, 2%	Proprietary stain	2%	10 gels	G441002
E-Gel Go! Agarose Gels, 2%	Proprietary stain	2%	20 gels	G442002

\*Each starter kit includes an E-Gel iBase Power System, E-Gel Safe Imager Real-Time Transilluminator, viewing glasses, DNA ladder, gel knife and E-Gel EX or Clonewell Gels (10 gels).

†Request catalog number G6511STUK in the United Kingdom and catalog number G6511STEU in other European countries.

‡Request catalog number G6512STUK in the United Kingdom and catalog number G6512STEU in other European countries.

§Includes: 10 E-Gel NGS 0.8% Agarose gels, E-Gel iBase Power System, E-Gel Safe Imager Real-Time Transilluminator, E-Gel 1 Kb Plus DNA Ladder, Gel knife, Safe Imager viewing glasses.

††Includes: 10 E-Gel SizeSelect 2% Agarose gels, 50 bp DNA Ladder, E-Gel Safe Imager Real-Time Transilluminator, E-Gel iBase Power System.

‡‡Includes: 1 x E-Gel Go! Base with power cable, 1 x 10-pack of 1% E-Gel Go! precast agarose gel cassettes, 1 x 100 application tube of E-Gel 1 Kb Plus DNA ladder, 4 x 1.25 ml tubes of E-Gel loading buffer.

\*\*Includes: 1 x E-Gel Go! Base with power cable, 1 x 10-pack of 2% E-Gel Go! precast agarose gel cassettes, 1 x 100 application tube of E-Gel 1 Kb Plus DNA ladder, 4 x 1.25 mL tubes of E-Gel loading buffer.

### Ordering information

Product	Quantity	Cat. No.
<b>DNA markers</b>		
E-Gel 1 Kb Plus DNA Ladder	100 apps	10488-090
E-Gel 50 bp Plus DNA Ladder	100 apps	10488-099
E-Gel 25 bp Plus DNA Ladder	100 apps	10488-095
E-Gel Sample Loading Buffer, 1X	4 x 1.25 mL	10482-055

Find out more at [thermofisher.com/egels](http://thermofisher.com/egels)