



**Informational:** This product is experiencing limited availability.



Q Certificates

SDS

Invitrogen™

## E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain

Invitrogen E-Gel precast agarose gels with SYBR Safe DNA gel stain are designed for fast, convenient, and safe DNA sample electrophoresis.

Technical Support | Customer Service

Change view



Gel Percentage:

**2%** 1% 4%

Separation Range: [View all](#)

50 to 2000 bp

Quantity:

**10 Gels** 2 x 10 Gels 5 x 10 Gels

Price (EUR) / Each

-

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Gel Percentage:	2%
Separation Range:	50 to 2000 bp
Quantity:	10 Gels

[Product Overview](#)[Documents](#)[FAQ](#)

Invitrogen E-Gel precast agarose gels with SYBR Safe DNA gel stain are designed for fast, convenient, and safe DNA sample electrophoresis. Each E-Gel agarose gel cassette contains all components and stain required for efficient gel separation and analysis—just load your samples and run. E-Gel agarose gels are ideal for analyzing PCR products, restriction digests, plasmid preparations, and DNA fragment libraries.

Features of E-Gel agarose gels include:

- **Instantaneous setup**—ready for use when you are and no gel preparation or additional buffers required
- **Safer choice**—contains SYBR Safe DNA stain, a safer alternative to ethidium bromide
- **High performance**—detect 3 ng of sample DNA with a separation time as short as ~30 minutes
- **In-process control**—view DNA sample migration in real time
- **Easy sample access**—openable cassette design allows easy in-gel access for convenient DNA sample excision or transfer to membranes
- **Better sample integrity**—exploits blue-light excitation wavelength to minimize DNA damage, as opposed to UV

### Safer option

Choose SYBR Safe DNA stained gels to minimize exposure to hazardous and mutagenic factors such as ethidium bromide and UV. Precast E-Gel agarose gels with SYBR Safe, in combination with blue-light trans-illumination, offer better sample integrity and a safer work environment.

### Fast and convenient analysis

E-Gel agarose gels enable fast and high-performance analysis with a detection sensitivity of 3 ng of sample DNA per band and a separation time 2–3 fold faster than that of conventional pour-your-own gels. Each E-Gel agarose gel contains agarose, electrodes, SYBR Safe DNA stain, and a buffer-less ion exchange system packaged inside a dry disposable cassette. E-Gel technology does not require any gel or buffer preparation or gel staining steps. Just load your samples and run.

### Live monitoring of DNA migration

E-Gel agarose gels are pre-stained with SYBR Safe DNA gel stain which has an excitation wavelength in the blue-light spectrum. When used on the E-Gel Power Snap Electrophoresis Device with integrated blue-light trans-illuminator, safe real-time monitoring of DNA migration is enabled without risk to the eyes or sample, as opposed to UV.

• **access to the gel**



E-Gel agarose gels require the E-Gel Power Snap Electrophoresis System for gel running and viewing. The system consists of an electrophoresis device and a camera for fast and convenient E-Gel agarose gel separation and analysis.

Available in a variety of gel formats

E-Gel agarose gels are available in variety of gel percentage, stain, and well formats. The 11-well E-Gel agarose gels with SYBR Safe are available in 1%, 2%, and 4% gel percentages.

For Research Use Only. Not for use in diagnostic procedures.

Specifications	
Compatible Ladders	E-Gel™ 1 Kb Plus Express Ladder
Gel Percentage	2%
Gel Type	E-Gel
Product Type	Agarose Gel
Separation Range	50 to 2000 bp
Stain Type	SYBR™ Safe
Wells	11-well
Green Features	Less hazardous
Quantity	10 Gels
Shipping Condition	Room Temperature
Unit Size	Each

### Contents & Storage

Each box contains 10 gels

- Store strictly at room temperature.
- Do not freeze.
- Avoid cold spots near freezers or other uncontrolled environments.

## Documents & Downloads

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