



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



Invitrogen™

## E-Gel™ SizeSelect™ II Agarose Gels, 2%

Electrophoresis using E-Gel SizeSelect II Agarose Gels is a convenient method for accurate size selection of DNA libraries for

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Catalog number G661012



Price (EUR) / 10 gels

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Electrophoresis using E-Gel SizeSelect II Agarose Gels is a convenient method for accurate size selection of DNA libraries for next-generation sequencing (NGS) applications. With E-Gel SizeSelect II gels, you can separate and recover DNA for library construction in three easy steps: load, run, and retrieve.

E-Gel SizeSelect II agarose gels enable you to:

- **Save time**—no need to prepare a gel and gel-purify after electrophoresis
- **Simplify DNA recovery**—retrieve purified DNA directly from the recovery well with a pipette
- **Improve result consistency**—achieve accurate and consistent size selection

#### Fast and accurate DNA size selection in three easy steps

DNA fragment library size selection with E-Gel SizeSelect II precast gels is a simple 3-step procedure that eliminates conventional gel purification. To extract the DNA band of interest, load the sample into the loading wells, run the gel until the band reaches the recovery wells, and retrieve the sample. The resulting fragment library demonstrates a sharp fragment cut-off and is ready for use in an NGS workflow without any need for re-purification. Multiple bands from the one loading well can be collected during the same gel run.

DNA fragment libraries extracted from E-Gel SizeSelect II gels are compatible with the Ion Torrent sequencing workflow.

#### Time control of the sample

SYBR Gold II DNA Gel Stain is incorporated into the gel itself, allowing you to visually

### Specifications

<b>Compatible Ladders</b>	E-Gel™ Sizing DNA Ladder
<b>Gel Percentage</b>	2%
<b>Gel Type</b>	E-Gel
<b>Product Type</b>	Agarose Gel
<b>Stain Type</b>	SYBR™ Gold
<b>Wells</b>	7-well
<b>Quantity</b>	10 gels
<b>Shipping Condition</b>	Room Temperature
<b>Unit Size</b>	10 gels

### Contents & Storage

Store at room temperature.

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## Nucleic acid markers

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### Enables better results

Even a short exposure of your DNA sample to UV light during visualization may lead to DNA damage. Using E-Gel SizeSelect II gels together with the blue-light transilluminator minimizes the risk of UV damage compared to a conventional gel purification workflow. The direct access to your sample from the retrieval well allows you to avoid excising gel band slices and the risk of losing your DNA during a gel purification step.

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

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