

Invitrogen™

E-Gel™ 1 Kb Plus Express DNA Ladder

Catalog number: 10488091**Related applications:** Nucleic Acid Gel Electrophoresis & Blotting[Technical Support](#) | [Customer Service](#)

Catalog Number	10488091
Unit Size	100 applications
Price (EUR)	Contact Us ›

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Invitrogen E-Gel 1 Kb Plus Express DNA Ladder is designed for sizing and approximate quantification of double-stranded DNA in the range of 100 bp to 5,000 bp. E-Gel 1 Kb Plus Express DNA Ladder consists of nine individual chromatography-purified DNA fragments with reference bands at 1,500 and 100 bp for easy orientation.

Highlights of E-Gel 1 Kb Plus Express DNA Ladder:

- **Performance**—optimized for use on E-Gel CloneWell II agarose gels
- **Sharp, clear bands**—chromatography-purified fragments for consistent and reliable results, stable at room temperature up to six months
- **Ready to use**—premixed with loading buffer
- **Convenient**—provided with 1X E-Gel Sample Loading Buffer
- **Precise**—an exact amount of DNA in each band

Product use

The double-stranded DNA ladder can be visualized on 0.8% E-Gel CloneWell II and E-Gel EX agarose gels. The ladder is designed with a uniform intensity of DNA bands for a clear view of each band. An exact amount of DNA in each band allows approximate quantification of DNA samples.

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

Specifications

Concentration	0.04 µg/µL
Gel Type	Agarose
Product Type Specs	DNA Ladder
Ready to Load	Yes
Sample Loading Volume	1.25 mL
Shelf Life	6 Months
Size Range	100 bp - 5000 bp
Volume (Metric)	2 x 1.25 mL
Gel Compatibility	CloneWell™ II E-Gels, Single Comb E-Gels
Green Features	Sustainable packaging
Shipping Condition	Approved for shipment at Room Temperature or on Wet or Dry Ice
Technology	Individual chromatography-purified DNA

Contents & Storage

- 2 x 1.25 mL E-Gel 1 Kb Plus Express DNA Ladder
- 1.25 mL 1X E-Gel Sample Loading Buffer

Store at room temperature or at 4°C for up to 6 months.
For longer periods store at -20°C.



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Figures



**E-Gel 1 Kb Plus Express
DNA Ladder**

Documents & Downloads

Certificates

Search by lot number or partial lot number



Lot #

Certificate Type

Date

Catalog Number(s)



2717548

Certificates of
Analysis

May 05, 2023

10488091



2702369

Certificates of
Analysis

Apr 13, 2023

10488091



2699339

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Safety Data Sheets

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Product Information

Manuals



[Product Sheet: E-Gel 1 Kb Plus Express DNA Ladder](#)

Frequently asked questions (FAQs)

I am using a quantitative DNA standard and see little difference between the bands when they are ethidium bromide stained. How can this occur and what can I do?

Answer +

I ran my DNA molecular weight ladder, and several bands seem to be missing. Can you offer suggestions on how to rectify this?

Answer +

Are Invitrogen DNA ladders composed of linear or circular/supercoiled DNA?

Answer +

What is the difference between the TrackIt DNA Ladders and other DNA ladders?

Answer +

What can cause anomalous migration of my DNA markers?

Answer +

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