

### 100 bp DNA Ladder

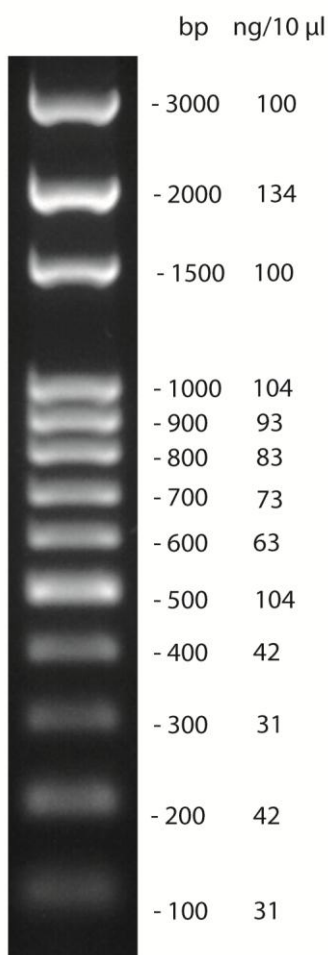
Ready to Load

Cat. No.	Pack Size	Conc.
07-11-0000S	1.5 µg SAMPLE	0.1 µg/µl
07-11-00050	50 µg	0.1 µg/µl

For *in vitro* use only

#### Description:

The 100 bp DNA Ladder is a ready-to-use molecular weight marker suitable for DNA fragment size determination on gel electrophoresis. The 100 bp DNA Ladder is formulated to run accurately and to provide crisp band patterns. It contains bromophenol blue dye which serves as visual aid to monitor the progress of migration during agarose gel electrophoresis. The 100 bp DNA Ladder contains 13 discrete DNA fragments ranging from 100 bp to 3,000 bp.



#### Concentration:

0.1 µg/µl

#### Size range:

100 – 3,000 bp

#### No of Bands:

13

#### Recommendations:

For best results, please load 5-10 µl of the 100 bp DNA Ladder per well.

#### Storage solution:

10 mM EDTA, 10% glycerol, 0.015% bromophenol blue and 0.17% SDS.

#### Shipping and Storage conditions:

Shipping and storage for up to 9 months at room temperature has no detrimental effects on the quality of this reagent. -20°C is recommended for long term storage.

#### Safety warnings and precautions:

This product and its components should be handled only by persons trained in laboratory techniques. It is advisable to wear suitable protective clothing, such as laboratory overalls, gloves and safety glasses. Care should be taken to avoid contact with skin or eyes. In case of contact with skin or eyes, wash immediately with water.

*Some applications this product is used in may require a license which is not provided by the purchase of this product. Users should obtain the license if required*

#### Related products:

Product name	Pack size	Cat. No.
<b>FIREPol<sup>®</sup> DNA Polymerase</b>	500 U	01-01-00500
<b>FIREPol<sup>®</sup> DNA Polymerase</b>	2000 U	01-01-02000
<b>HOT FIREPol<sup>®</sup> DNA Polymerase</b>	500 U	01-02-00500
<b>HOT FIREPol<sup>®</sup> DNA Polymerase</b>	1000 U	01-02-01000
<b>dNTP SET (100 mM)</b>	4 x 25 µmol	02-21-00100
<b>dNTP SET (100 mM)</b>	4 x 100 µmol	02-21-00400
<b>dNTP MIX (20 mM of each)</b>	20 µmol	02-31-00020