

# Data Sheet

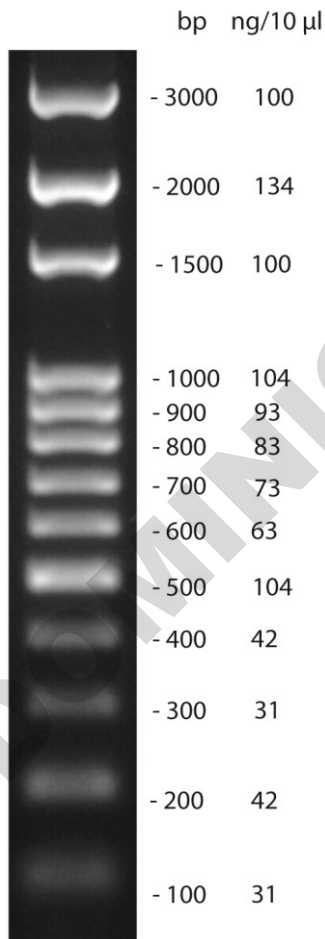
## 100 bp DNA Ladder Ready to Load

Cat. No.	Pack Size	Volume
07-11-0000S	1.5 µg	15 µl
07-11-00050	50 µg	500 µl
07-11-00050-5	5 x 50 µg	5 x 500 µl
07-11-00050-10	10 x 50 µg	10 x 500 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, 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:

Routine storage: -18°C to -28°C

Shipping and temporary storage for up to 1 month at room temperature has no detrimental effects on the quality of the product.

Manufactured by Solis BioDyne in compliance with the ISO 9001 and ISO 13485 certified Quality Management System.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

**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. Refer to Safety Data Sheet for more information.

**Technical support:**

Contact your sales representative for any questions or send an email to [support@solisbiodyne.com](mailto:support@solisbiodyne.com)

Online chat is available at [www.solisbiodyne.com](http://www.solisbiodyne.com)

DS-07-11 v2  
Revised 18.06.2021

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.

**Warranty and Disclaimer:** This product shall comply with its relevant specification and be fit for its stated purpose, but Solis BioDyne gives no other warranty and makes no representation as to description or quality. Any such warranty or representation is excluded, to the fullest extent permitted by law. In particular, but without limiting the foregoing, Solis BioDyne shall not be liable for the failure of the product to comply with its relevant specification where such failure arises as a result of: (i) customer negligence or because the customer failed to follow any of the applicable technical data or safety sheets, standard user materials, use guidelines or any other information provided by Solis BioDyne as to the storage, transportation, handling, use or maintenance of the products or other good practice regarding the same, or (ii) the customer altering the products in any way without the prior written consent from Solis BioDyne, or (iii) the products differing from the relevant specification as a result of changes made to ensure their compliance with applicable statutory or regulatory requirements.

Nothing shall limit or exclude Solis BioDyne's liability for death or personal injury caused by its negligence, fraud or fraudulent misrepresentation or any matter in respect of which it would be unlawful for Solis BioDyne to exclude or restrict liability. Without limiting the foregoing, Solis BioDyne shall under no circumstances whatever be liable to the customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with the products and Solis BioDyne's total liability to the customer in respect of all other losses arising under or in connection with the product, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the products supplied in respect of which the liability has arisen.