



GeneStep™ 100bp DNA Ladder 3k, RTU

Catalog No : 301101 | Pack Size : 0.5 mL

Catalog No : 301102 | Pack Size : 5 mL

Description

A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 12 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100–3,000 base pairs. The 500 and 1,500 base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.54 µg a load) for approximating the mass of DNA in comparably intense samples of similar size.

Source

PCR products and double-stranded DNA digested with appropriate restriction enzymes, are phenol extracted and equilibrated to 10 mM Tris-HCl (pH 8.0) and 10 mM EDTA.

Range:

100–3,000 base pairs

Number of Bands: 12

Concentration: 54µg / 500µl

Recommended Load: 5 µl / gel load

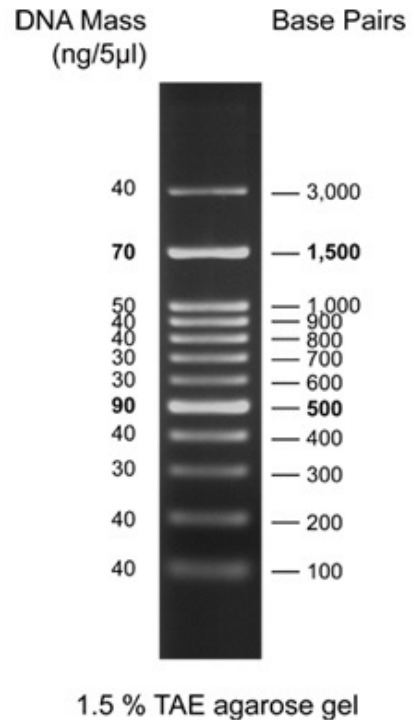
Containing orange G & xylene cyanol FF as tracking dyes.

Storage Condition:

Store at 25°C for 6 months

Store at 4°C for 12months

Store at -20°C for 24 months



NOTE: Please consult the Product MSDS for information regarding hazards and safe handling practices

DISCLAIMER:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related DEEYA INDUSTRIES™ Publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. DEEYA INDUSTRIES™ reserves the right to make changes to specifications and information related to the products at any time. Products are NOT intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.



Customer support email: SUPPORT@LABRECON.IN



Reg Address: B-57, Bhagwati Garden Extension, Dwarka Mor, New Delhi-110059. (INDIA)

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Telephone : +91-8595-222-053



www.labrecon.in