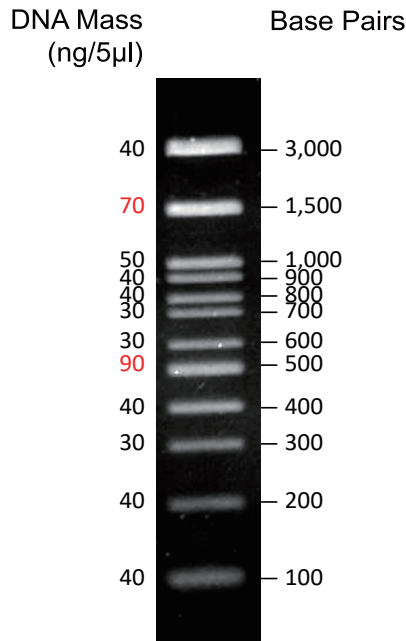




DNA MOLECULAR WEIGHT MARKER

EcoBand 100bp DNA Ladder (0.1-3kb)

Cat. No. I041201-0500



1.5 % TAE agarose gel

Guide for Molecular Weight Estimation (bp)

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 supplied as (0.54 µg per loading) for estimating the mass of DNA in comparably intense samples of similar size.

Ordering Information

Catalog Number	Size	Range
I041201-0500	100 reactions	100-3,000 bp

Kit Content

Content	Concentration
500 µl X 1Vial	50 µg / 500 µl

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.

Number of bands : 12

100, 200, 300, 400, 500, 600, 700, 800, 900, 1,000, 1,500, 3,000

Storage Conditions

Stable for up to 6 months at 25°C.
 Stable for up to 12 months at 4°C.
 Stable for up to 24 months at -20°C

Required materials but not provided

- Horizontal Electrophoresis system
- Power supplies
- Vortex or equivalent
- Microcentrifuge

Reaction Setup

5 µl / well, containing orange G & xylene cyanol FF as tracking dyes.


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