

# Imagen® 100-10000bp DNA Ladder

Cat. No DL004

Catalog Number	Size	Concentration
DL004	100 reactions	50 µg / 500 µl

## Description

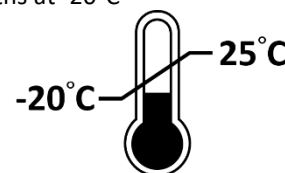
**Imagen® 100-10000bp DNA Ladder** is combined with PCR products and lots of proprietary plasmids digested with appropriate restriction enzymes to yield different fragments. This product is suitable for use as molecular weight standards ranging from 100-10,000 base pairs for agarose gel electrophoresis. The 1K and 3K base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band can estimate by the intensity of similar size band of ladder (0.5 µg with 5µl loading).

## 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.

## Storage

- ✓ 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



## Reaction Setup

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

## Application

- ✓ Gel electrophoresis
- ✓ Range: 100-10,000 bp

