

Datasheet for ABIN3032780

**100bp DNA Ladder****1** Image[Go to Product page](#)

## Overview

Quantity:	500 µL
Detection Range:	100-1500 bp
Minimum Detection Limit:	100 bp
Application:	Agarose Gel Electrophoresis (AGE)

## Product Details

Purpose:	100bp DNA Ladder
Characteristics:	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 1mM EDTA. Range: 100 - 1,500 bp Number of bands: 11

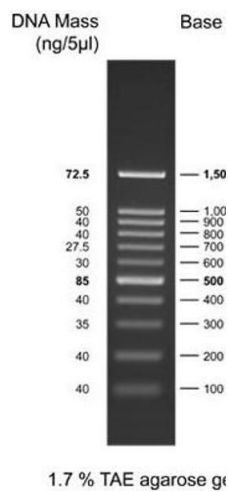
## Application Details

Application Notes:	Recommended Load: 5 µL / well containing orange G & xylene cyanol FF as tracking dyes.
Comment:	A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 11 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-1,500 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 (0.5 g a load) for approximating 72.5 1,500 the mass of DNA in comparably intense samples of similar size. Containing: Containing orange G & xylene cyanol FF as tracking dyes.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Handling Advice:	Ready to use
Storage:	RT
Storage Comment:	Store at 25°C for 6 months, Store at -20°C for 24 months
Expiry Date:	24 months

## Images



### Agarose Gel Electrophoresis

Image 1.