



## Biomol 50bp plus DNA Ladder, ready-to-use (50 – 1,500 bps)

**Catalog No:** 10015  
**Lot No:** XXXXX  
**Supplied as:** 500 µl (1 vial)  
**Storage:** store at 4°C for 12 months  
 or at -20°C for 24 months

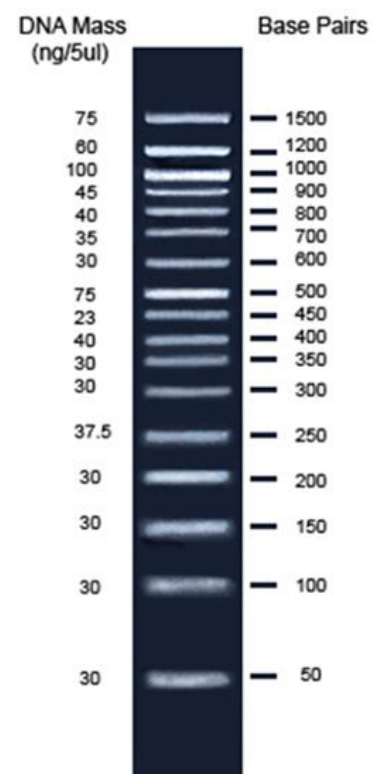
### Background

50bp plus DNA Ladder, ready-to-use is a 17 fragments molecular weight standard for agarose gel electrophoresis. Using the unique combination of a number of proprietary plasmids digested with appropriate restriction enzymes and PCR products yields fragments ranging from 50-1,500 base pairs. The 4 bands at 500, 1000, 1200, and 1500 base pairs have specifically increased in intensity to serve as the reference bands. The approximate mass of DNA in each band is provided (0.7405 µg per 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 and 10mM EDTA at pH 8.0.

<b>Range:</b>	50 - 1,500 bp
<b>Number of bands:</b>	17
<b>Concentration:</b>	74.05 µg / 500 µl
<b>Recommended load:</b>	5 µg/well
<b>Tracking dye:</b>	bromophenol blue & xylene cyanol FF



2% TAE agarose Gel

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.

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