

## 100bp Plus DNA Ladder, 100 lanes(0.5mg/ml)

**Product:** 100bp Plus DNA Ladder  
**CATALOG:** BH0070-0050  
**Quantity:** 50µg  
**Concentration:** 0.5mg/ml  
**Supplied with:** 1ml of 6X DNA Loading Dye  
**Storage Condition:** -20°C

### DESCRIPTION

100bp Plus DNA Ladder is designed for sizing and approximate quantification of wide range double-stranded DNA fragments on agarose and polyacrylamide gels. The ladder is composed of fourteen chromatography-purified individual DNA fragments (in base pairs): 3000, 2000, 1500, 1200, 1000, 900, 800, 700, 600, 500, 400, 300, 200, 100. It contains two reference bands (1000 and 500bp) for easy orientation. The ladder is dissolved in TE buffer.

### Storage Buffer (TE buffer)

10mM Tris-HCl (pH 7.6), 1mM EDTA.

### 6X DNA Loading Dye

10mM Tris-HCl (pH 7.6), 0.03% bromophenol blue, 0.03% xylene cyanol FF, 60% glycerol and 60mM EDTA.

### Product Use Limitation

This product has been developed for research purposes and in vitro use only. This product has not been tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

