

# 100 bp DNA Ladder [100 -1,500 bp]



Cat#  L15  L16  L15-S

Pack Size:  50 µg (500µL);  250 µg (50 µg/500 µl X 5);  20 µg (200µL)

Range: 100-1,500 base pairs

Recommended Load: 5 µl/well; (Containing orange G & xylene cyanol FF as tracking dyes.)

Number of Bands: 11

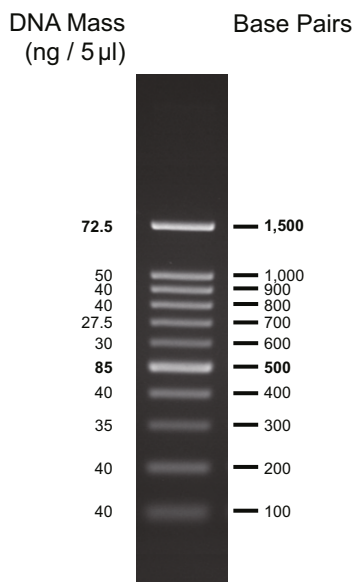
Storage: Store at 25°C for 6 months  
Store at 4°C for 12 months  
Store at -20°C for 24 months

### Kit content:

S.NO	Components	L15	L16	L15-S
1	100bp DNA ladder (100 µg/mL)	(50 µg 500 µL)	(50 µg - 500 µL X 5)	(20 µg 200 µL)

### Introduction:

Gene to Protein Pvt Ltd offers a distinctive blend of PCR products and proprietary plasmids that are digested using specific restriction enzymes, producing 11 fragments. These fragments serve as ideal molecular weight standards for agarose gel electrophoresis, covering a range of 100-1,500 base pairs. Notably, the 500 and 1,500 base pair bands have increased intensity to serve as reference points. The estimated DNA mass for each band (0.5 µg per load) aids in approximating the mass of DNA in other similarly sized samples with comparable intensity.



1.7 % TAE agarose gel