

# 50 bp DNA Ladder

## 50 to 500 bp log scale

Ready-to-use DNA ladder

Cat.-No.	Volume	Amount
M-213	500 µl	100 lanes

For *in vitro* use only

Quality guaranteed for 12 months

Store at -20°C, short term storage (up to 4 weeks) at 4°C possible

### 50 bp DNA Ladder, ready-to-use

DNA fragment mix, 10 mM Tris HCl (pH 7.5),  
5 mM Na-acetate, 2 mM EDTA, 10% (w/v) glycerol,  
0.02% (w/v) xylene cyanol

### Description

50 bp DNA Ladder, log scale, contains 10 DNA fragments ranging from 50 bp to 500 bp in a ready-to-use mixture including blue dye. It allows sizing and concentration estimate of DNA fragments on agarose gels generated by PCR or restriction digest. The fragment mix yields a ladder of the following double-stranded DNA fragments:

50, 100, 150, 200, **250**, 300, 350, 400, 450, 500 bp  
DNA log scale ladders are well suited for combination if small and large fragments should be analyzed on one gel.

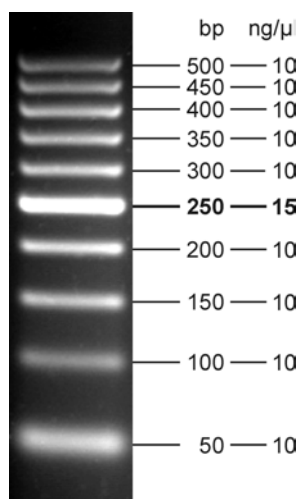
### Concentration:

105 ng/µl

### Recommended Load

5 µl DNA ladder per lane

### 50 bp DNA Ladder



3.0%  
Agarose