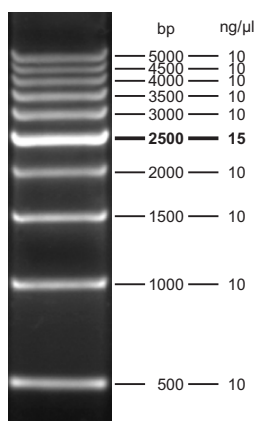


## DATA SHEET

**500 bp DNA Ladder**

500 bp to 5000 bp log scale  
 ready-to-use, green

| Cat. Nº.                          | Amount                 |
|-----------------------------------|------------------------|
| <input type="checkbox"/> MMK-104S | 500 µl (105 ng/µl)     |
| <input type="checkbox"/> MMK-104L | 5 x 500 µl (105 ng/µl) |



5 µl loaded onto 1.2 % agarose

**For *in vitro* use only!**

**Shipping:**

Shipped on blue ice

**Storage Conditions:**

Store at -20 °C

Short term storage (up to 1 month) at 4 °C possible.

**Shelf Life:**

12 months

**Form:**

Liquid, blue, DNA fragment mix in 10 mM Tris-HCl pH 7.5, 10 mM EDTA, 10 % (w/v) Glycerol, Tartrazine and Xylene Cyanol FF

**Concentration:**

105 ng/µl

**Description:**

500 bp DNA Ladder consists of 10 DNA fragments ranging from 500 bp to 5000 bp. It is designed to show virtually uniform spacing over a wide fragment range. The ladder allows sizing and concentration estimate of DNA fragments on agarose gels generated by PCR or restriction digest. The fragment mix is supplied in ready-to-use format containing blue tracking dyes.

**Recommended load:**

5 µl per lane

**DNA Fragments**

500, 1000, 1500, 2000, **2500**, 3000, 3500, 4000, 4500, 5000 bp