

# 50 bp DNA Ladder

Cat No: DM-M-001-500

Size: 56µg / 500µl

Concentration: 112 µg/ml

**Storage: Store at 4°C**

**For longer use, store at – 20°C**

(Ready to use)

**MOLEQULE-ON®**

## Description

MOLEQULE-ON 50 bp DNA Marker is a unique combination PCR product and of a number of proprietary plasmids digested with appropriate restriction enzymes to yield 17 fragments, suitable for use as molecular weight standards for horizontal and vertical gel electrophoresis.. The DNA includes fragments ranging from 50-1,500 base pairs. The 200 and 500 base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.56 µg a load) for approximating the mass of DNA in comparably intense samples of similar size. MOLEQULE-ON 50 bp DNA Marker contains orange G as tracking dye.

## Source

PCR products and double-stranded DNA digested with appropriate restriction enzymes, are phenol extracted and equilibrated to 10mM Tris-HCl (pH 8.0) and 10mM EDTA.

## Recommendation

The recommended loading quantity is 5 µl of marker per well.

