

# 1Kb Plus DNA Ladder

Cat No: DM-M-004-500

Size: 86µg / 500µl

Concentration: 172 µg/ml

**Storage: Store at 4°C**

**For longer use, store at – 20°C**

(Ready to use)

**MOLEQULE-ON®**

## Description

MOLEQULE-ON 1KB Plus DNA Marker is a unique combination of PCR product and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 19 fragments, suitable for use as molecular weight standards for horizontal and vertical gel electrophoresis. The DNA includes fragments ranging from 100 to 10,000 base pairs. The 500, 1.5K and 3K base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.86 µg a load) for approximating the mass of DNA in comparably intense samples of similar size. MOLEQULE-ON 1KB Plus DNA Marker contains bromophenol blue and xylene cyanol FF as tracking dyes.

## 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.

