

— PROTOCOL —

## 1Kb Plus DNA Ladder RTU (Ready-to-Use)

Catalog Number	Unit Size
DM015-R500S	2.5 ug / 25 ul
DM015-R500	50 ug / 500 ul

**Storage:** Stable for up to 6 months at 25°C.  
 Stable for up to 12 months at 4°C.  
 Stable for up to 24 months at -20°C.

### Description

A unique combination of a number of proprietary plasmids digested with appropriate restriction enzymes and PCR products to yield 13 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-10,000 base pairs. The 3K bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.5 ug a load) for approximating the mass of DNA in comparably intense samples of similar size.

### Source

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

**Range:** 100-10,000 bp

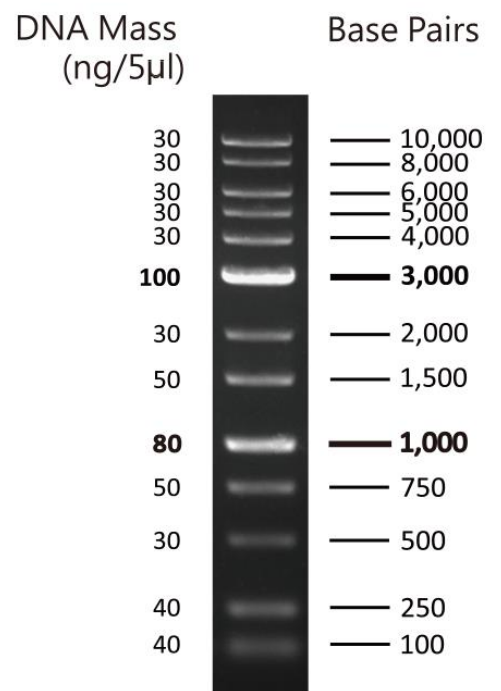
**Number of bands:** 13

**Concentration:** 100 ug/ml

**Package:** 50 ug/500 ul

**Recommended Load:** 5 ul / well

Containing bromophenol blue & xylene cyanol FF as tracking dyes.



1 % TAE agarose gel