

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

Cat. No. MWD01

Size: 50µg / 500µl

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 250-10,000 base pairs. The 1K and 3K bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.5 µg 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 1 mM EDTA.

Range: 250-10,000 bp

Number of bands: 13

Concentration: 100 µg/ml

Package: 50ug/500ul

Recommended Load: 5 µl / well

Containing bromophenol blue as the tracking dye.

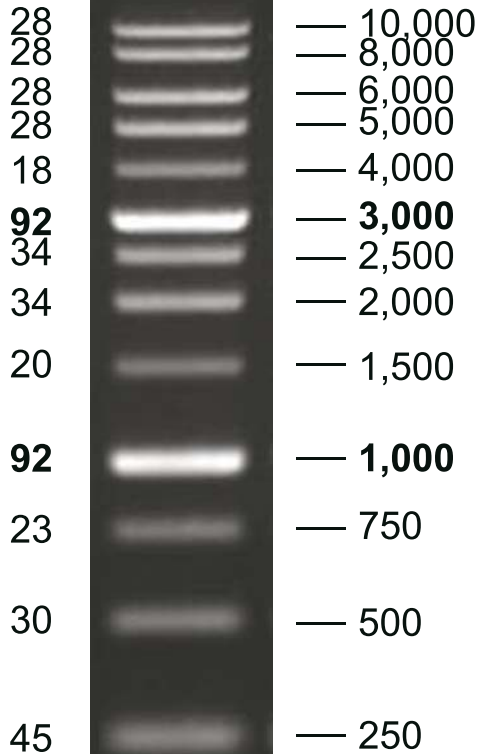
Storage

Store at 25°C for 12 months

Store at -20°C for 24 months

DNA Mass
(ng/5 μ l)

Base Pairs



1 % TAE agarose gel