

## 1kb Opti-DNA Marker

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Catalog	Unit
TBS6115	500 $\mu$ l

### Description

PCR products and double-stranded DNA were digested with appropriate restriction enzymes to completion to yield 19 bands, ranging from 100 pb – 10 kb, for molecular weight standards in agarose gel electrophoresis. The 500, 1,500, and 3,000 base pair bands have increased intensity to serve as quick reference points. Approximated mass of each DNA band is provided (for a loading size of 5  $\mu$ l of the DNA ladder) for approximating the mass of DNA in comparably intense DNA samples of similar size.

### Component

Product	Unit
1kb Opti-DNA Marker	500 $\mu$ l/100 loads

### Specifications

**Number of Bands:** 19

**DNA Range:** 100 bp - 10 kb

**Suggested Load:** Mix gently by pipetting up and down a few times, then directly load 5  $\mu$ l into the well of the gel.

**Concentration:** 172  $\mu$ g/ml

**Application:** For approximating DNA size and amount on agarose gels.

**Storage Condition:** Store at 4°C for up to 3 months or -20°C for up to 24 months.

**For research use only**