

## 50bp DNA Ladder,(Ready-to-Use) - 50-1500bp

**Cat.No.SL7021**

**Size:** 50µg /500µl

### Description Orange Ruler 50 bp DNA Ladder,RTU:

suitable for use as molecular weight standards for agarose gel electrophoresis.The DNA includes fragments ranging from 50-1500 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(0.5 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 1mM EDTA.

**Range:** 50-1500 bp

**Number of bands:**17

**Concentration:** 100 µg/ml

**Package:** 50µg / 500 µl

**Recommended Load:** 5µl /well

Containing orange G as tracking dyes.

### Storage:

Store at 25° C for 6 month

Store at 4°C for 12 months

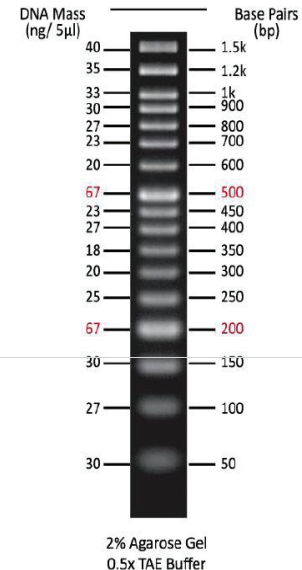
Store at -20°C for 24 months

### Sale office:

No. 56, Azimi St., Nafisi Ave., Phase 1, Ekbatan, Tehran, Iran

Tell: +9821 44666204

+9821 44630050-1



**100bp DNA Ladder,plus (Ready-to-Use) - 100-3000bp**

**Cat.No.SL7041**

**Size:** 50µg /500µl

**Description :**

A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 12 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-3,000 base pairs. The 500 and 1,500 base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.54 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 1mM EDTA.

**Range:**100-3,000 bp

**Number of bands:**12

**Concentration:** 108 µg/ml

**Package:** 50µg / 500 µl

**Recommended Load:** 5µl /well

Containing orange G & xylene cyanol FF as tracking dyes.

**Storage:**

Store at 25° C for 6 month

Store at 4°C for 12 months

Store at -20°C for 24 months

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