

## XLarge DNA Ladder RTU (Ready-to-Use)

Cat. No. DDL-013

Size: 50µg / 500µl

### Description

The XLarge DNA Ladder RTU is composed of 14 individual DNA fragments: 25K, 10K, 8K, 6K, 5K, 4K, 3K, 2.5K, 2K, 1500, 1000, 750, 500, 250 base pairs. This product contains two enhanced bands (3K and 1K bp) for easy reference.

The ladder is ready-to-use, which is premixed with loading buffer dye for direct loading on gel.

### 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:** 250-25K bp

**Number of bands:** 14

**Concentration:** 100 µg/ml

**Package:** 50ug/500ul

**Recommended Load:** 5 µl / well

Containing orange G & xylene cyanol FF as tracking dyes.

### Storage

Store at 25°C for 6 months

Store at -20°C for 24 months

### Quality Control

1. Defined 14 bands are formed during the electrophoresis on the agarose gel.

2. No nuclease activity is observed by a direct nuclease activity assay.

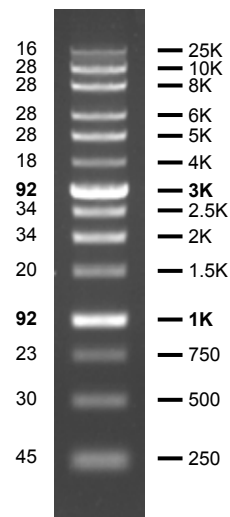
The ladder is supplied in gel loading buffer and is ready to use.

Do not heat or dilute before loading.

All products are for research use only. Caution: Not intended for human or animal diagnostic or therapeutic uses.

DNA Mass  
(ng/5µl)

Base Pairs



0.7 % TAE agarose gel



www.gelcompany.com