



## 1Kbp DNA Ladder RTU (Ready-to-Use)

**Catalogue Number:** MG17-10002

**Size:** 500µl (100 gel lanes)

### Background Information

The fragments in the Newmarket Scientific 1Kb ladder range from 250-10,000 base pairs, with the 1,000 and 3,000 base pair bands having increased intensity to act as key reference points. There are 13 bands in total.

The expected mass of DNA in each band (based on a total of 0.5 µg in a 5µl load) is provided for approximating the mass of DNA in sample bands of a similar size.

Our DNA ladders are produced from a combination of a plasmid digested DNA and PCR products, providing precisely sized fragments.

### Product Information

**Range:** 250bp – 10,000bp

**Number of Bands:** 13

**Concentration:** 100µg/ml

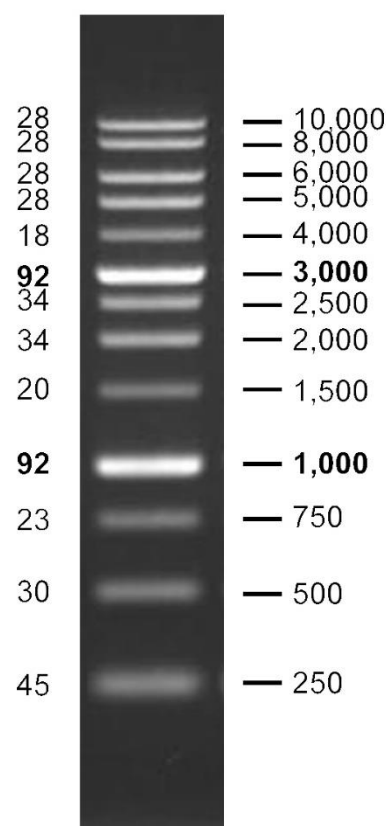
**Storage Conditions:** Store at 25°C, for 6 months or 4°C for a year  
For long-term storage, store at -20°C.

**Usage:** 5µl per lane (recommended)

**Tracking Dyes:** Bromophenol blue & Xylene cyanol FF

**Buffer:** 10mM Tris-HCl (pH 8.0) and 10mM EDTA

DNA Mass (ng/5µl)      Base Pairs



1 % TAE agarose gel

Arrange for our DNA ladders to be in your stores and receive 5 vials of any of our DNA ladders for free.

Email us for more details - [tech@nktscientific.com](mailto:tech@nktscientific.com).