



## 50bp DNA Ladder RTU (Ready-to-Use)

**Catalogue Number:** MG17-10003

**Size:** 500µl (100 gel lanes)

### Background Information

The fragments in the Newmarket Scientific 50bp ladder range from 50-1,500 base pairs, with the 200, 500 and 1,200 base pair bands having increased intensity to act as key reference points. There are 17 bands in total.

The expected mass of DNA in each band (based on a total of 0.56 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:** 50bp – 1,500bp

**Number of Bands:** 17

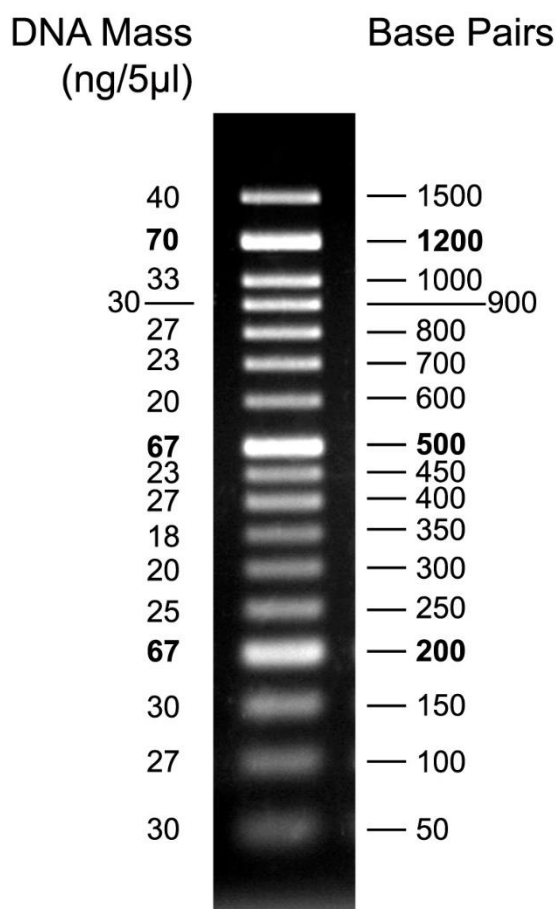
**Concentration:** 112µg/ml

**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:** Orange G

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



2% 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).