

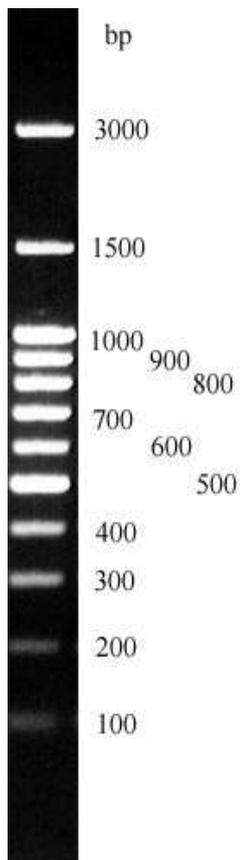
100 - 3000 bp DNA Rainbow Ladder

Description:

100 – 3000 bp DNA Rainbow Ladder is a pre-mixed, ready-to-load molecular weight marker containing 2 dyes which serve as visual aids to monitor the progress of migration during agarose gel electrophoresis. The DNA Ladder consists of proprietary plasmids which are digested to completion with appropriate restriction enzymes to yield 12 bands suitable for use as molecular weight standards for agarose gel electrophoresis. The digested DNA includes fragments ranging from 100 - 3000 base pairs. All fragments are blunt-ended.

DNA fragments length (bp) and DNA mass:

100 (30 ng); 200 (30 ng); 300 (40 ng); 400 (60 ng); 500 (120 ng); 600 (90 ng); 700 (80 ng); 800 (120 ng); 900 (130 ng); 1000 (140 ng); 1500 (60 ng); 3000 (70ng)



Concentration: 0.1 µg/µl

Storage buffer:

10 mM Tris-HCl (pH 8.0); 25 mM NaCl; 30 mM EDTA; 30% glycerol; Xylene Cyanol; Orange G

Usage recommendation:

The 100 - 3000 bp DNA Rainbow Ladder was not designed for precise quantification of DNA mass, but can be used for approximating the mass of DNA in comparably intense samples of similar size.

Loading: 0.25 - max. 1.0 µg/ lane in 1.2 - 2.0 % Agarose

Transportation: Shipped on blue ice

Storage: at -20°C

Picture 1: 1 µg of 100bp+ 1,5Kb+ 3Kb DNA Ladder visualized by ethidium bromide staining on 1,7 % TAE agarose gel

Ordering Information:

Cat.-no	Description	Amount
307-105	100 - 3000 bp DNA Rainbow Ladder	50 µg/500µl
307-125	100 - 3000 bp DNA Rainbow Ladder	5x50 µg/500µl

GeneON .. a good decision ..

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