

# DATA SHEET

 Version: 02  
 Revision date: 09/2022

## 1. Identification

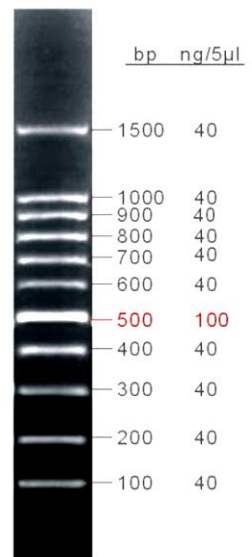
**Product name**
**BrightMAX™ 100 – 1500 bp DNA Ladder**
**Cat. No:** L0013-S (20 µg)  
 L0013 (50 µg)  
 L0014 (250 µg)

## 2. Description

DNA size standards are a necessary reactive in any molecular biology lab for use as molecular weight standards for agarose gel electrophoresis. Canvax Reagents produces seven different DNA size standards for small and large DNA molecules. These standards are ready-to-use markers which contain loading dye with one or two migration visualization dyes.

### 100-1500 bp DNA ladder:

**BrightMAX™ 100 – 1500 bp DNA Ladder** is a ready-to-use DNA marker, suitable for sizing linear double-stranded DNA fragments from 100bp – 1.5kb, and composed of 11 chromatography-purified individual DNA fragments. All bands (except 500bp) are supplied at approximately 40ng/5µl. The 500bp band has increased intensity relative to the other bands on an ethidium bromide-stained agarose gel.



## 3. Kit Contents

Component	L0013-S	L0013	L0014
100-1500 bp DNA ladder	20 µg	50 µg	250 µg

Concentration: 100 ng/µl

## 4. Storage specifications

Stable at room temperature (3 months). For long term storage, store at -20 °C (2 years).

## 5. Recommended Loading

2-5 µl/lane (50µg allows for ~100-250 lanes)

## 6. Recommendations

Do not heat before loading.



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## 7. Further information

### **Product Use Limitations**

This product is developed, designed, and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

### **Safety Information**

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDS). These are available online in convenient and compact PDF format at [www.canvaxbio.com](http://www.canvaxbio.com) where you can find, view, and print the MSDS for each CANVAX kit.

