

Catalog No.: **MG107**

Product Name: GoGreen™ 100bp DNA Ladder

Special Feature: Room Temperature Stable

Contents: 100bp DNA Ladder 500µl
6X Green DNA loading dye 500µl

Description: The GoGreen™ 100bp DNA Ladder is in a Ready-to-use format, consisting of 11 DNA fragments ranging in size from 100bp to 1500bp, suitable use as molecular weight standard in agarose electrophoresis. Generally, 5µl will yield at least a minimum of 40ng DNA band for any bands. Many DNA bands are at much higher intensity for band clarity. The 500bp and 1500bp bands have extra intensity to serve as a reference for easy identification. The DNA ladder is in green color, which is a mixture of two inert dyes, blue and yellow. The blue dye will migrate at 4kb position and the yellow dye will be at the position of a 10bp DNA fragment.

An extra tube of 6X Green DNA loading buffer is also supplies for experiment samples.

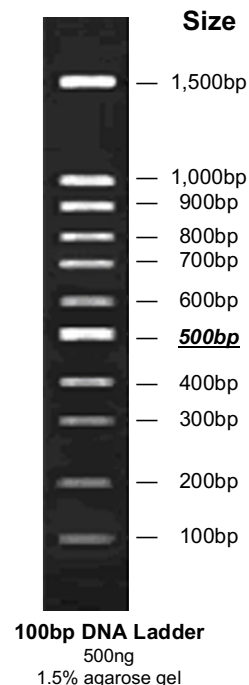
Concentration: 100ng/µl

Loading Buffer Composition:

10mM Tris-HCl (pH 8.0)
1mM EDTA
0.02% Blue dye
0.08% Yellow dye
5% Glycerol

Storage: RT when in use
4°C if not in use
-20°C for long term storage

Usage: Take 5µl or more for the GoGreen™ 100bp DNA Ladder and load directly to the well designated for DNA ladder. You may need more than 5µl of the ladder, depending on well size and level of intensity needed to visualize the bands. Mix 1µl of the 6X Green DNA loading buffer for each 5µl of experiment sample, and load the mixed sample to the sample wells. Run the agarose gel regularly.



Related products	Catalog No.
• GoGreen™ 1kb DNA Ladder	M1000
• GoGreen™ DNA Loading Buffer	C116
• Agarose (Standard-Agarose)	A113
• DNA SafeStain	C138
• Ultra Bright LED Transilluminator	SLB-01
• UltraSlim® LED Illuminator	LB-16

This product is for research use only.