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A Geno Technology, Inc. (USA) brand name

# DNAmark™ 100bp Plus Ladder

(Cat. # 786-856)



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## INTRODUCTION

DNAMark™ 100bp Plus Ladder consists of 14 DNA fragments ranging in size from 100-3000 base pairs (bp). The 500bp and 1200bp fragment are present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 µl loading, all fragments except 500bp and 1200bp are 40ng. The 500bp and 1200bp fragment are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

## ITEMS SUPPLIED (Cat. # 786-856)

Description	Size
DNAMark™ 100bp Plus Ladder	50µg

## STORAGE CONDITION

Shipped on blue ice, upon arrival, store at -20°C.

## CONCENTRATION

136ng/µl

## LOADING BUFFER COMPOSITION

10mM Tris-HCL (pH7.6)

0.03% Bromophenol Blue

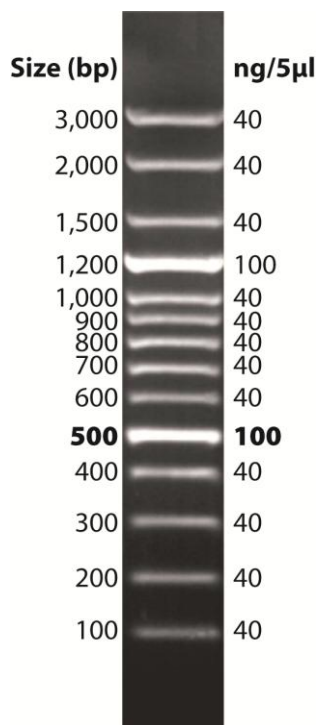
0.03% Xylene Cyanol

60% Glycerol

60mM EDTA

## PROTOCOL

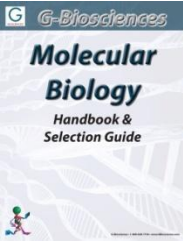
Load 2-5µl DNAMark™ 100bp Plus Ladder directly to wells designated for markers. The volume loaded is dependent on the well size, gel thickness and concentration and level of dye used to visualize the bands.



*DNAMark™ 100bp Plus Ladder resolved on a 1.7% Agarose-TBE gel and stained with LabSafe™ Nucleic Acid Stain*

## RELATED PRODUCTS

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<http://info.gbiosciences.com/complete-molecular-biology-handbook>

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