



Applied Biological Materials Inc.

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100bp Plus Opti-DNA Marker

Cat.No.	Unit
G193	500 µl/100 loads

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Name	100bp Plus Opti-DNA Marker
Unit	500 µl/100 loads
Category	DNA & Protein Ladders
Description	PCR products and double-stranded DNA were digested with appropriate restriction enzymes to completion to yield 12 bands, ranging from 100 bp – 3 kb, for molecular weight standards in agarose gel electrophoresis. The 500 and 1,500 base pair bands have increased intensity to serve as quick reference points. Approximated mass of each DNA band is provided (for a loading size of 5 µl of the DNA ladder) for approximating the mass of DNA in comparably intense DNA samples of similar size.

Specifications

Number of Bands	12
DNA Range	100 bp – 3 kb
Suggested Load	Mix gently by pipetting up and down a few times, then directly load 5 µl into the well of the gel.

Concentration	108 µg/ml
Application	For approximating DNA size and amount on agarose gels.
Storage Condition	Store @ 4°C for up to 3 months or -20°C for up to 24 months.

Caution: This product is for research use only and is not intended for therapeutic or diagnostic applications.

Please contact a technical service representative for more information (1-866-757-2414).