



**Applied Biological Materials Inc.**  
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## 100bp Plus Opti-DNA Marker

<b>Cat.No.</b>	<b>Unit</b>
G193	500 µl/100 loads
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<b>Name</b>	100bp Plus Opti-DNA Marker
<b>Unit</b>	500 µl/100 loads
<b>Category</b>	DNA & Protein Ladders
<b>Description</b>	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.
<b>Specifications</b>	
<b>Number of Bands</b>	12
<b>DNA Range</b>	100 bp – 3 kb
<b>Suggested Load</b>	Mix gently by pipetting up and down a few times, then directly load 5 µl into the well of the gel.
<b>Concentration</b>	108 µg/ml
<b>Application</b>	For approximating DNA size and amount on agarose gels.
<b>Storage Condition</b>	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).