

100 bp DNA Marker

Cat: B 111401 (500 μ L)

Store at -20°C

Contents:

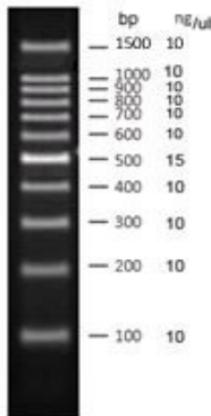
Component	B111401
100 bp DNA Marker	0.5 ml

Description:

100 bp DNA Marker is a mixture of specially designed double-stranded DNA fragments for determining the exact size of PCR products and engineered DNA Fragments. The 100 bp DNA Marker consists of 11 DNA fragments ranging in size from reference on agarose gels, the 500 bp and 1000 bp are two to three times brighter than the other bands. The 100 bp Markers are supplied in a ready-to-use or concentrated format. This marker can be stained with EtBr or DNA Green Viewer. The 100 bp DNA Marker is premixed with loading buffer. The marker not intended for use in quantitative analysis.

Storage Buffer:

Ready-to-use: 10 mM Tris-HCl (pH 8.0), 1 mM EDTA, 5% Glycerol, 0.005% yellow G, and 0.005% xylene cyanol.



Recommended Storage Condition:

-20°C	for 2 years
4°C	for 2 months
RT (20~25 °C)	for 1 month

Usage Information:

Concentration:	100 ng/ μ l (0.5 μ g/ml)
Recommended loading:	2.5~3 μ l
Range:	100~1500 bp
Number of bands:	11
5 μ l/500 ng/lane:	1.5% Agarose in 0.5x TAE
Stained with	DNA Green Viewer

Related Products:

50x TAE buffer	100 ml	B111411
10x TBE buffer	100 ml	B111461
6X TriColor™ Loading Dye	1 ml	B111431
6X DuoColor™ Loading Dye	1ml	B111432
DNA Green Viewer™ (Fluorescent DNA Gel Stain)		

Disclaimers and Addresses

This product is for **Research Use Only** and should only be used by trained professionals.

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