

100 bp Ladder (DNA Marker)

Cat. No.:	B12710
Cat. No.:	B12711
Cat. No.:	B12712

Store at -20 °C

Comp.	B12710	B12711	B12712
Ladder	0.5 ml	1 ml	2x 1ml+1x 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.

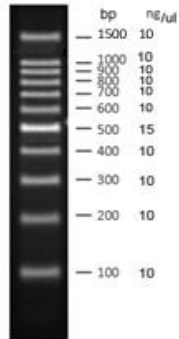
The 100 bp Markers are supplied in a ready-to-use or concentrated format. This marker can be stained with EtBr or **AviStain™**.

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
- 0.005% xylene cyanol



Recommended Storage Condition:

- -20 °C for two years
- 4°C for two months
- Room temperature (20~25 °C) for one month

Usage Information:

Concentration:	100 ng/μl (0.5 μg/ml)
Recommended loading:	2.5-3 μl
Range:	100-1500 bp
Number of bands:	11 bands
5μl/500 ng/lane:	1.5% agarose in 0.5x TAE
Stained with:	AviStain™

Related Products:

50x TAE buffer		A12510
10x TBE buffer		A12610
AviTri™	Loading dye	A12410
AviDuo™	Loading dye	A12310
AviStain™	Safe stain dye	A12210

Disclaimers:

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