

Data sheet

This data sheet provided for information only

100bp DNA Molecular Weight Ladder**RESEARCH USE ONLY**

Cat.No.	Pack	Conc.
MWM-100bp	100 lanes	0.1 µg/µl
MWM-500bp	5x100 lanes	0.1 µg/µl

Stability:

Shelf life 12 months if store at -20°C

DESCRIPTION

The 100bp DNA ladder is suitable for sizing linear ds DNA fragments from 100 to 1000 bp.

The 10 bands of ladder contains fragments with the following size (in bp):

1000 (95ng), 900(85ng), 800(75ng), 700(45ng), 600(55ng), **500**(65ng), 400(40ng), 300(20ng), 200(20ng), 100(20ng)

(In brackets quantities of ds DNA fragments per band in ng, when 0, 5µg was load to the lane.)

For easy reference band of 500bp two times brighter than all the rest bands.

CONCENTRATION

0,1 mg/ml

PRESENTATION

10mM Tris-HCl (pH 8.0) ,1mM EDTA

RECOMMENDATION for USE

5µl per lane

APPLICATIONS:

Sizing of PCR fragments

STORAGE CONDITIONS :

Store at -20°C for long term storage

SHIPPING CONDITIONS:

Should be shipped at ambient temperature

For long distance shipments preferably in **Blue Ice**