

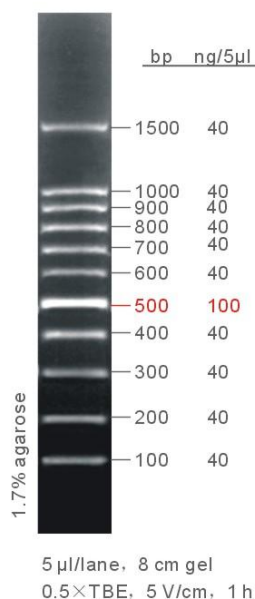
Product Information

Version 4.2, Revision 2012-04-25

100bp DNA Ladder, Quantitative, Ready to Use

Code-Size: M7123-100 Loads (500µl), M7123-5x100 Loads (5x500µl)
Contents: 11 DNA Fragments (bp): 100, 200, 300, 400, **500**, 600, 700, 800, 900, 1000, and 1500
Concentration: 500ng/5µl
Band Concentration: 500bp Band: 100ng/5µl; Other Bands: 40ng/5µl

100bp ladder



Description:

100bp DNA Ladder (Quantitative) is ideal for determining the size of double-stranded DNA from 100 to 1500 base pairs. The ladder consists of 11 linear double-stranded DNA fragments, chromatography-purified. The intensity of the 500bp has been increased to serve as a reference for easy identification. All fragments are precisely quantified and mixed during the production. For 5µl loading, all fragments except 500bp are at 40ng. The 500bp fragment is at 100ng. This ladder is pre-mixed with loading dye and is ready to use.

Recommended Loading: 5µl/Lane.

Add 5µl ladder directly to each well. You may need more or less than 5µl of ladder, depending on well size and level of intensity needed to visualize the bands.

Recommended Electrophoresis Condition:

5µl/Lane, 8cm, 1.7% Agarose Gel, 0.5×TBE, 5V/cm, 1h.

Storage: 1 year at room temperature; for long term storage, please keep at -20 °C.

Important Notes:

Do not heat before loading.

For quantification, adjust the concentration of the sample to equalize.

Visualize DNA by staining with ethidium bromide or with SYBR Green I.

This material is for laboratory research purpose and/or in vitro use only and is not to be used in humans or animals.