

Truin Science Ltd.

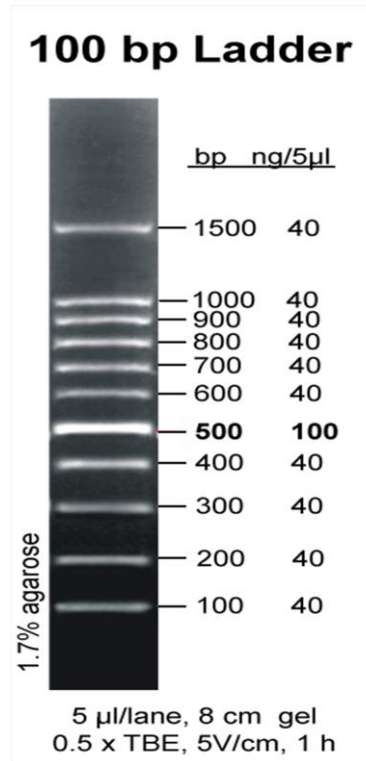
Ready Load - 100bp

**100 bp Ladder
(50 µg)**

Cat. # RTS6010

***Storage: 1 year at room temperature, for long term preservation, store at -20°C.**

***For research purposes only.**



Concentration: 100 ng/µl

Recommended Loading: 2-5 µl/lane

Concentration

Typical Bands 100 ng/5µl

Other Bands 40 ng/5µl

Recommended Electrophoresis Condition

5µl/lane, 8 cm 1.7% Agarose Gel,
0.5xTBE, 7v/cm, 1h.

Contents (bp)

100, 200, 300, 400, 500, 600, 700,
800, 900, 1000, 1500

Description

100bp ladder is ideal for determining the size of double-stranded DNA from 100 to 1500 base pairs. The ladder consists of 11 linear double-

stranded fragments. The 500bp fragment is present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5µl loading, all fragments except 500bp are 40ng. The 500bp fragment is 100ng. The ladder is pre-mixed with loading dye and is ready to use.

Recommendations

Do not heat before loading.

For quantification, adjust the concentration of the sample to equalize it approximately with the amount of DNA in the nearest band of the ladder. Visualize DNA by staining with Ethidium Bromide or with SYBR®Green I.

