

## AQ-Ladder™ Bio-100bp DNA Ladder

Cat No : PT-M1-100T      Size : 250 uL, 5 uL per reaction.

### Description :

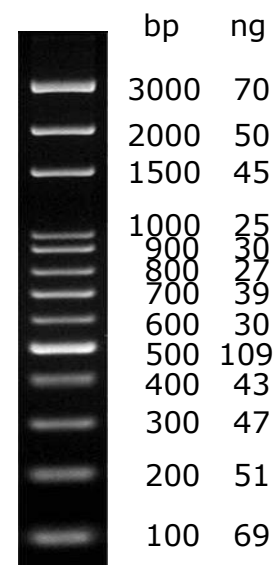
The Bio-100bp DNA ladder contains fragments of double stranded DNA from 100-3000 bp. The DNA ladder contains 13 linear DNA bands of 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500, 2000, and 3000 bp. DNA quantities of each band per 5ul loading are as follow: 100 bp (69 ng), 200 bp (51 ng), 300 bp (47 ng), 400 bp (43 ng), 500 bp (109 ng), 600 bp (30 ng), 700 bp (39 ng), 800 bp (27 ng), 900 bp (30 ng), 1000 bp (25 ng), 1500 bp (45 ng), 2000 bp (50 ng), and 3000 bp (70 ng).

### Storage buffer :

The Bio-100bp DNA ladder is supplied in 10mM Tris-Cl (pH 8.0), 5mM EDTA.

### Storage condition :

This ladder is stored at -20°C for at least one year. For normal usage, premix the marker with 6X loading dye in ratio 5:1, and load 6 uL per well. Premixing ladder with 6X loading dye will shorten the expired date of it. Therefore, please premix before use, and avoid repeat freeze-thaw cycles.



2% Agarose Gel  
in 0.5X TBE Buffer  
(Protech, Agarose)

\*\*\*Research Use Only\*\*\*

Please do not hesitate to contact us while you have any questions.

Manufactured for and distributed by Protech Technology Enterprise Co., Ltd.

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