

## AQ-Ladder™ Bio-25bp DNA Ladder

Cat No : PT-M1-25      Size : 500 uL, 5 uL per reaction.

### Description :

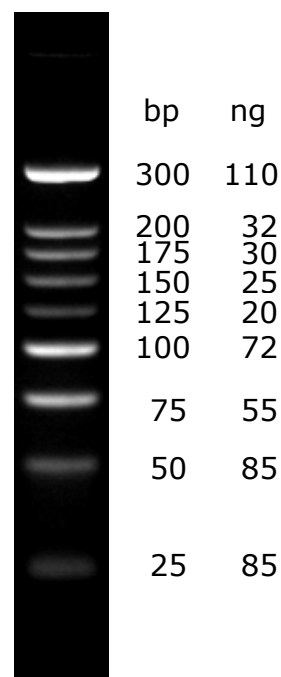
The Bio-25bp DNA ladder contains fragments of double stranded DNA from 25-300 bp. The DNA ladder contains 9 linear DNA bands of 25, 50, 75, 100, 125, 150, 175, 200, 300 bp. It is specially designed for electrophoresis analysis of small DNA fragments on high percentage agarose (2.5-4%) and polyacrylamide (5-10%) gels. DNA quantities of each band per 5ul loading are as follow: 25 bp (85 ng), 50 bp (85 ng), 75 bp (55 ng), 100 bp (72 ng), 125 bp (20 ng), 150 bp (25 ng), 175 bp (30 ng), 200 bp (32 ng), and 300 bp (110 ng).

### Storage buffer :

The Bio-25bp 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.



8 cm 4% agarose gel in  
0.5X TAE buffer  
100V, 45min  
(Protech, Agarose HR)

\*\*\*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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