

Date: 2017.09

Version 10_01

Bio-25bp™ DNA Ladder

Cat No : PT-M1-25 Size : 500 uL, 5 uL per reaction.
SA-M1-25 Size : 20 uL, 5 uL per reaction.

Description :

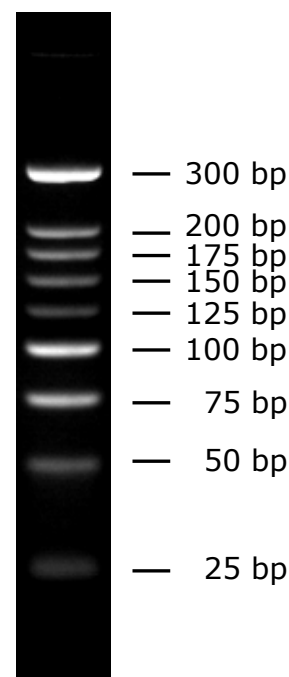
The Bio-25bp DNA ladder is the size of double stranded DNA from 25-300 base pairs. The DNA ladder contains 9 linear DNA bands of 25, 50, 75, 100, 125, 150, 175, 200, 300 base pairs. It is specially designed for electrophoresis analysis of small DNA fragments on high percentage agarose (4% is recommended) and polyacrylamide (12% is recommended) 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 marker 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 marker 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
(Amresco, Agarose SFR)

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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