

Date: 2016.03

Version 01_01

Bio-50bp™ DNA Ladder

Cat No : PT-M1-50 Size : 500 uL, 5 uL per reaction.
SA-M1-50 Size : 25 uL, 5 uL per reaction

Description :

The Bio-50bp DNA ladder is the size of double stranded DNA from 50-3000 base pairs. The DNA ladder contains 16 linear DNA bands of 50, 100, 150, 200, 250, 300, 350, 400, 500, 600, 700, 800, 900, 1000, 1500, 3000 base pairs. It is specially designed for electrophoresis analysis of DNA fragments on agarose gels (2.5-3%). DNA quantities of each band per 5ul loading are as follow: 50 bp (35.5 ng), 100 bp (30 ng), 150 bp (13.5 ng), 200 bp (22.5 ng), 250 bp (22.5 ng), 300 bp (13.5 ng), 350 bp (31.5 ng), 400 bp (15 ng), 500 bp (46 ng) , 600 bp (27 ng) , 700 bp (31.5 ng) , 800 bp (30 ng) , 900 bp (33.5 ng) , 1000 bp (33 ng) , 1500 bp (50 ng) and 3000 bp (64 ng).

Storage buffer :

The Bio-50bp 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.

Research Use Only

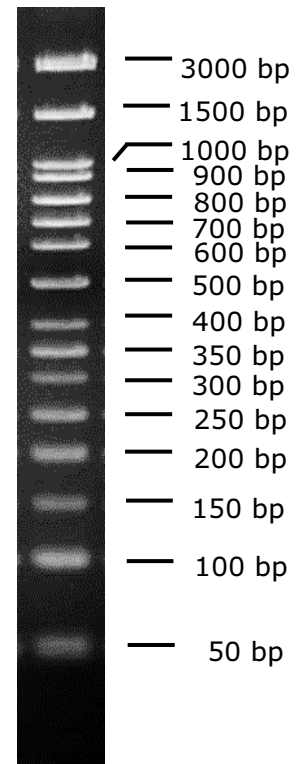
Please do not hesitate to contact us while you have any questions.

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

TEL : +886-2-2655-7677 / FAX : +886-2-2655-7601 / Toll Free : 0800-231-530

E-MAIL: service@bio-protech.com.tw ; tech@bio-protech.com.tw

WEB: <http://www.bio-protech.com.tw>



8.5cm 2.5% agarose gel
in 0.5X TAE buffer
100V, 45min