

100 bp Plus DNA Ladder (TBS4031P, Store at -20°C)

Ready-to-use, from 100bp to 3Kb

Catalog	Size
TBS4031P-0.5	0.5 mL
TBS4031P-1.0	2x0.5 mL

DESCRIPTION

Ready-to-use format of 100 bp Plus DNA ladder is composed of 12 bands of 100 bp, 200 bp, 300 bp, 400 bp, 500 bp, 600 bp, 700 bp, 800 bp, 900 bp, 1,000 bp, 1,500 bp and 3000 bp. The 500-bp band with higher concentration is easily distinguishable from the others. It is premixed with 1x loading buffer for direct loading on gel.

APPLICATIONS

DNA marker from 100 – 3000 bp

KIT SIZE

TBS4031P-0.5: 0.5 mL x1

TBS4031P-1.0: 0.5 mL x2

Premixed in 1x loading buffer containing 5% Glycerol, 0.02% bromophenol blue, 0.02% xylene cyanol, 10 mM Tris-HCl (pH=7.5), 1 mM EDTA.

Concentration: 100 ng/μL

STORAGE CONDITIONS AND SHIPMENT

The kit is stored at -20°C for long-term storage.

Shipment at ambient conditions.

KEY FEATURES

Convenient: Ready-to-use for direct loading on gel.

No Loading Dye Required: Do not need to mix with loading dye.

RECOMMENDED LOADING VOLUME

3-5 μL (or 1μL/mm width of gel well) is recommended for use.

NOTE

- 6x DNA loading buffer can be ordered separately.
- Ready-to-use format is premixed with DNA loading buffer containing 5% Glycerol, 0.02% bromophenol blue, 0.02% xylene cyanol.

QUALITY CONTROL

- Agarose gel analysis shows that the bands between 100 bp and 3,000 bp are accurate in size and distinguishable. The band of 500 bp is more easily identified than any other bands.
- 5 μL quantities of the DNA marker do not show any visible degradation after incubation in restriction enzyme buffer overnight at 37°C.

RELATED PRODUCTS

DNA Loading Buffer (TBS5018 or TBS5023)

Tail DNA Extraction kit (TBS6005)

Fast Genomic DNA Extraction kit (TBS6008)

2x Mouse Genotyping PCR kit (TBS4003)

2x Regular PCR Kit (TBS4004)

2x PCR Red Mix kit (TBS4005)

2x SYBR Green qPCR Mix (TBS4001)

2x Taqman Probe qPCR Mix (TBS4002)

This product is for *in vitro* research use only and is not intended for use in humans or animals in therapeutic or diagnostic procedures.

