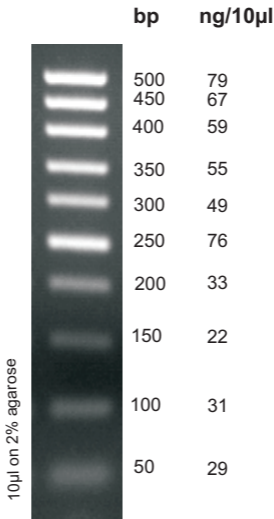


50bp DNA Ladder (50bp - 500bp)

Catalogue Number: 13525

100 gel lanes





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Description:

High quality ready-to-use double-stranded DNA ladder derived by recombinant technology for precise on-gel size and mass determination.

Features:

- Precise band sizes and masses for densitometric quantification.
- Ten discrete bands, ranging from 50bp to 500bp.
- Higher intensity band at 250bp for easy reference.

Contents:

1mL of premixed DNA ladder (0.5 μ g/10 μ L) in loading buffer (10mM EDTA, 10% glycerol, 0.015% bromophenol blue, and 0.17% SDS).

Instructions:

Mix thoroughly. For best results, load 10 μ L of DNA ladder per well. For precise mass determination with a densitometer, stain gel after electrophoresis using 0.5 μ g/mL ethidium bromide for 30-40 minutes. The accompanying diagram shows the size and mass for each band based on 10 μ L ladder per well.

Storage:

Stable at room temperature. For longer term storage, -20°C is recommended.

This ladder was standardized using 10 μ L of DNA per lane on a 0.8 cm thick, 13 x 15 cm, 1.0% agarose gel run in TAE buffer.

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