Owi ExactLadder DNA 100bp Ready to Load

Technical Data Sheet

References: 258500 - 258501

FOR RESEARCH USE ONLY

SIZE: 5 lanes / 100 lanes

CONCENTRATION: 100 µg/mL

STORAGE TEMPERATURE: -20°C long-term / 4°C 12 months / 25°C

SHELF LIFE: One year upon receipt under recommended conditions.

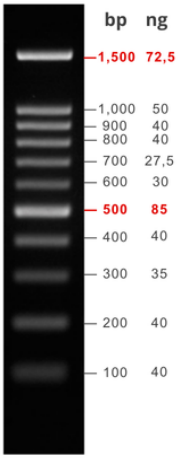
PRODUCT DESCRIPTION:

The **Owi ExactLadder DNA 100bp Ready to Load** is composed of 11 DNA fragments from 100 to 1,500 base pairs (bp) supplemented with a 6X Loading buffer. The 500 bp and 1,500 bp bands are more intense. This Ladder is designed for the analysis of small DNA fragments and allows semi-quantification.

ABBREVIATED PROTOCOL:

Load 5 µl directly loaded onto the gel. Do not at add 6X Loading buffer to **Owi ExactLadder DNA**. This volume can be higher or lower depending on the size of the wells of the gel.

IMPORTANT: Use the 6X Loading Buffer only for your samples.



5 µl loading (500 ng)
Agarose gel 1.7%TAE

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PRECAUTIONS:

Avoid repeated freezing/thawing. For long-term storage under optimal conditions, aliquotation is recommended.

COMPONENTS:

Component	Volume
Owi ExactLadder DNA 100bp Ready to Load	500 µL
6X Loading Buffer (contains orange G & xylene cyanol FF)	400 µL

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