

100 bp DNA Ladder with 6× Loading Dye

EXPIRY DATE: See product label

CAT.NO.	SIZE	PACKAGE CONTENT
BR0800201	100 lanes	500 µl 100 bp DNA Ladder RTU 1 ml DNA Loading Dye

COMPONENT	COMPOSITION
100 bp DNA Ladder RTU	Ready-to use DNA in 10 mM Tris-HCl (pH 8.0), 10 mM EDTA, Glycerol and tracking dye (xylene cyanol FF, orange G)
DNA Loading Dye	6× DNA Loading Dye: 10 mM Tris-HCl (pH 8.0), 60 mM EDTA, Glycerol and tracking dyes (bromophenol blue, xylene cyanol FF and orange G)

STORAGE -20°C (until expiry date – see product label)

- Ready to use DNA ladders ideal for DNA sizing and gel quantification
- Pure and stable — retain sharp bands after 6 months storage at room temperature
- Supplied with 6× Loading Dye for sample DNA

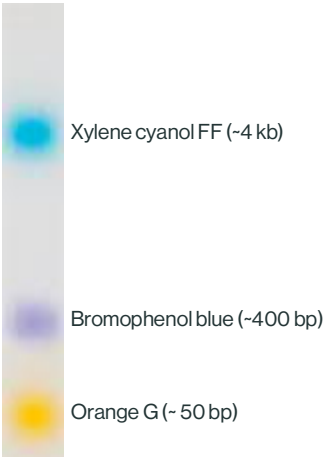
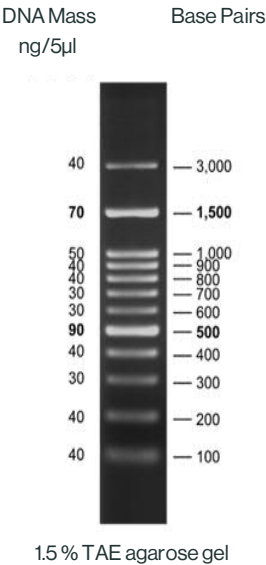
- DNA sizing and approximate quantification on agarose gels

100 bp DNA Ladder with 6× Loading Dye

DESCRIPTION

biotechrabbit™ DNA electrophoresis ladders are mixtures of exceptionally purified DNA fragments created either by PCR or by digesting proprietary plasmids with restriction enzymes. Ladders are ready to use and suitable not only for DNA sizing but also for approximate DNA quantification in gels. For convenience, ladders have increased intensity reference bands and indicated DNA amount in nanograms for every band. Every ready-to-use ladder is supplied with the nuclease-free Loading Dye Solution, which ensures optimal migration and quantification of your DNA probes. It includes three electrophoresis tracking dyes (xylene cyanol, bromophenol blue and orange G), allowing the process of the DNA through the gel to be visualized.

100 BP DNA LADDER	DNA LOADING DYE, 6×
Range: 100 – 3,000 bp	Approximate migration of tracking Dyes
Reference: 500 and 1,500 bp	1% TAE agarose gel,
Number of bands: 12	ambient light



PROTOCOL

COMPONENT	LOADING VOLUME	ACTIONS BEFORE LOADING
100 bp DNA Ladder ready-to-use	5 µl	Direct loading
6× DNA Loading Dye	Add 1 volume of Loading Dye to 5 volumes of DNA	Mix well

100 bp DNA Ladder with 6× Loading Dye

CERTIFICATE OF ANALYSIS

Functional assay

Tested in gel electrophoresis.

Quality confirmed by: Head of Quality Control

SAFETY INSTRUCTIONS

For safety instructions please see Safety Data Sheets (SDS)/Sicherheitshinweise finden Sie in den SDS unter:
<http://www.biotechrabb.it.com/support/documentation.html>.

USEFUL HINTS

- Visit Applications at www.biotechrabb.it.com for more products and product selection guides.
- Most biotechrabb.it products are available in custom formulations and bulk amounts.

CONTACT BIOTECHRABBIT

biotechrabb.it GmbH
Volmerstr. 9a
12489 Berlin, Germany

info@biotechrabb.it.com
support@biotechrabb.it.com
www.biotechrabb.it.com

Phone: +49 30 555 7821-10
Fax: +49 30 555 7821-99



Legal Disclaimer and Product Use Limitation

Purchase of product does not include a license to perform any patented applications; therefore it is the sole responsibility of users to determine whether they may be required to engage a license agreement depending upon the particular application in which the product is used. This product was developed, manufactured, and sold for in vitro use only. It is not suitable for administration to humans or animals.

Trademarks: biotechrabb.it™ (biotechrabb.it GmbH).

valid from 24.08.2016