CLEARLINE LADDER, 100-3000BP

Cat. No.: 257739

100 lanes of 5 µl

-	ClearLine Ladder, 100-3000bp
ID No.	CL0.500-0043
Cap colour	Black
Content	1 x 0.5 ml

Features and General Description

ClearLine Ladder, 100-3000bp is a broad range dsDNA ladder with bands from 100 bp to 3.000 bp (figure 1).
The ladder is supplied in loading buffer, ready-to-use on agarose and polyacrylamide gels. It is suitable with TBE, TAE, SB and LB electrophoresis systems.
The 700 bp band of ClearLine Ladder comes with a higher intensity and can be used as a reference point.

Suggestions for use of ClearLine Ladder

- **Important:** Mix ladder briefly before use. Do not heat the ladder.
- Load 5 µl of ladder per lane (for gel wells of ~5 – 10 mm width).
- If band intensity is to high, then load a smaller volume of the ladder per lane.
- Agarose gel electrophoresis: Prepare 1-1.5 % gel. The dye should migrate 60 – 70 % the length of the gel.
- Polyacrylamide gel electrophoresis: Prepare 8 % gel. The dye should migrate approx. 90 % the length of the gel.
- Ethidium bromide (0.5 µg/ml) is the recommended gel stain.

Storage, Stability and Shipment

ClearLine ladder may be kept safely at room temperature for at least 6 months from date of shipment. ClearLine Ladders are guaranteed for 12 months when stored at 4°C. Aliquot product if necessary, to avoid repeated freezing and thawing cycles.
Shipped at ambient temperature. For long term storage, keep the ClearLine Ladder at -20 °C for up to 3 years.

Quality control

Agarose gel analysis shows that all bands are present at the expected location and band intensity.

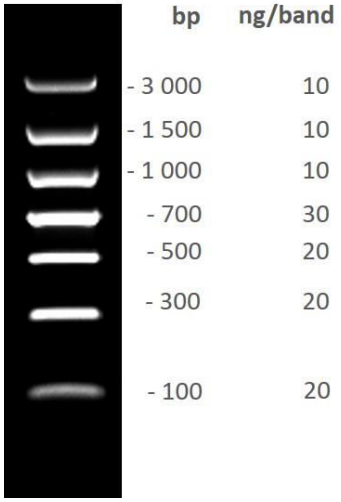

Figure 1: ClearLine Ladder, 100-3000bp. 5 µl ClearLine Ladder, 100-3000bp was loaded on a 1.5 % agarose in 1x TBE and stained with ethidium bromide.

For Research Use Only. Not for use in diagnostics procedures.

Other product sizes, combinations and customized solutions are available. Please look at www.dutscher.com or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Europe

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