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Certificate of Analysis

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Perfect™ 100 bp DNA Ladder

Catalog No: 3141

Lot No: See Product Label

Package Size: See Product Label

Storage Conditions: Store at 4°C.

Long-term storage at -20°C. Mix well after thawing.

Loading Size

The recommended amount of size marker to load is 5.0 µl per lane.

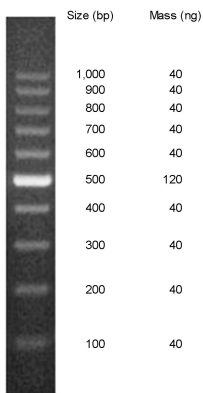
Description

- The Perfect™ 100 bp DNA Ladder is suitable for sizing linear double-stranded DNA fragments from 100 to 1000 bp.
- The 10 bands of the ladder contain fragments with the following sizes: 100, 200, 300, 400, **500**, 600, 700, 800, 900, and 1000 bp. For easy reference on agarose gels, the band at 500 is three times (3X) brighter than the other bands in the ladder.
- Supplied in ready-to-load buffer containing tracking dyes
- No preparation before loading required

Quality Control

5 µl of ladder is run on a 2% DNA-grade agarose gel to confirm band number and sizes.

Figure 1.



Notes:

1. Chimerx's Perfect™ 100 bp DNA Ladder is shown on a 2% agarose in 1X TBE Buffer containing ethidium bromide.
2. Mass amounts are based on the recommended loading volume of 10 µl per lane.
3. DNA fragment at 500 bp is three times (3X) brighter than the other bands in the ladder.