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Certificate of Analysis

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Perfect™ Plus 100 bp DNA Ladder (Ready Load)

Catalog No: 3135

Lot No: See Product Label

Package Size: See Product Label

Storage Conditions: Store working solution at 4°C.

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

Loading Size

The recommended amount of size marker to load is 1.0 µl per lane.

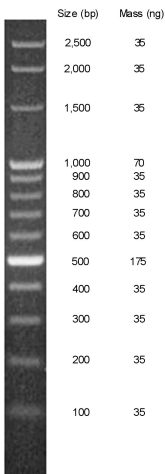
Description

- The PCR Marker (100 bp Ladder) is suitable for sizing linear double stranded DNA fragments from 0.1 to 3.0 kb.
- The 13 bands of the ladder contain fragments with the following sizes: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500, 2000, and 2500 bp.
- For easy reference on agarose gels, the 500 bp, and 1000 bp bands are brighter than the other bands in the ladder.

Quality Control

5µl of ladder is run on a 1.5% DNA-grade agarose gel to confirm band number and sizes.

Figure 1.



Notes:

1. Chimerx Perfect Plus 100 bp DNA Ladder is shown on a 1.2% agarose in 1X TBE buffer containing ethidium bromide
2. Mass amounts are based on the recommended loading volume of 5 µl per lane
3. DNA fragments at 500 and 1,000 bp are brighter than the other bands in the ladder