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Certificate of Analysis

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Perfect™ Plus 2 Kb DNA Ladder (Ready Load)

Catalog No: 3140

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 5.0 µl per lane.

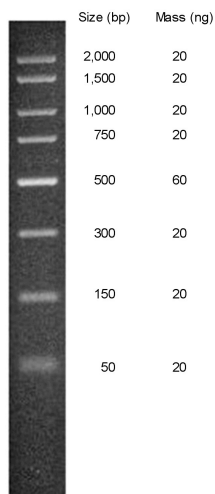
Description

- Suitable for sizing linear double-stranded DNA during agarose gel electrophoresis
- Consists of 8 bands with sizes of 50, 150, 300, 500, 750, 1000, 1500, and 2,000 bp
- For easy reference, the DNA fragment at 500 bp is three times (3X) brighter than the other bands in the ladder
- Supplied in a ready-to-load buffer containing tracking dyes
- No preparation before loading is required

Quality Control

5 ml of marker is run on a 2% DNA grade agarose gel to confirm band number and sizes (see below).

Figure 1.



Notes:

1. Perfect Plus 2 Kb DNA Ladder is shown on a 2% agarose in 1X TBE Buffer containing tracking dyes
2. Mass amounts are based on the recommended loading volume of 5 µl per lane
3. DNA fragment at 500 bp is three times (3X) brighter than the other bands in the ladder

For more information or to re-order, please visit www.chimerx.com