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Certificate of Analysis

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Perfect™ Plus 1 Kb DNA Ladder (Ready Load)

Catalog No: 3131

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.

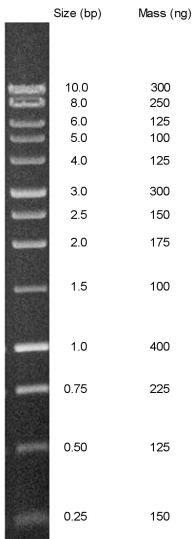
Loading Size

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

Description

- The Perfect™ 1 Kb DNA Ladder is suitable for sizing linear double-stranded DNA fragments from 0.25 to 10 kb.
- The 13 bands of the ladder contain fragments with the following sizes: 0.25, 0.5, 0.75, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, and 10.0 kb.
- For easy reference on agarose gels, the **0.5 Kb** and **1.0 Kb** bands are brighter than the other bands in the ladder.

Figure 1.



Notes:

1. Chimerx Perfect Plus 1 Kb DNA Ladder is shown on a 0.7% 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 1.0 and 3.0 Kb are three times (3X) brighter than the other bands in the ladder