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Certificate of Analysis

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Perfect™ 1 Kb DNA Ladder

Catalog No: 3130

Lot No: See Product Label

Package Size: See Product Label

Absorbance Ratios: $A_{260}/A_{280} = 1.90$

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 Perfect™ 1 Kb DNA Ladder is suitable for sizing linear double-stranded DNA fragments from 0.5 to 10 Kb.
- The 11 bands of the ladder contain fragments with the following sizes: 0.5, **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 band at 1.0 Kb 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

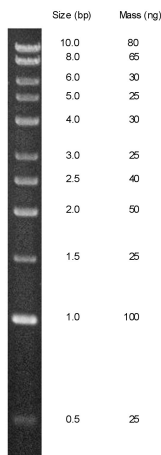
Quality Control

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

Storage Buffer

10 mM Tris-HCl (pH 8.0) and 1 mM EDTA

Figure 1.



Notes:

1. Chimerx Perfect 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 amount of 1.0 µl (0.5 µg) per lane.
3. DNA fragment at 1.0 Kb is three times brighter than the other bands in the ladder.

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