

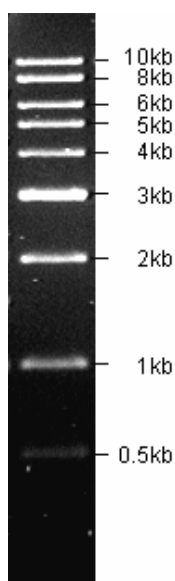


Bio Basic Inc.

A world leader in serving science

Product Information

Catalogue Number: M1010-1 / M1010-2
Product Name: 0.5-10KB DNA Ladder (Original)
Size: 500ul / 5x 500ul



Description:

The DNA KB-Ladder includes 9 fragments ranging from 0.5-10.0 kilobases (KB). It is a mixture of several plasmids digested to completion with appropriate restriction enzymes. The intensity of the 3.0kb band has been increased to yield an internal reference indicator. All other bands appear with equal intensity except the band at 0.5kb.

Recommended Loading: 5 μ l (or 1 μ l/mm width of gel well)

Storage Buffer: 10mM Tris-HCl, pH 8.0, 1mM EDTA

6x loading buffer I: 30% Glycerol, 0.12% bromophenol blue,
0.12% xylene cyanol

Concentration: 250ng/5 μ l

Storage: -20°C

0.7% agarose gel

Quality Control:

- a) Agarose gel analysis shows that the bands between 0.5kb and 10 kb are accurate in size and distinguishable. The 3kb band is at least 3 times more intense than any other bands.
- b) Incubation of 5 μ l of the DNA KB-Ladder in restriction enzyme buffer overnight at 37°C shows absence of visible degradation.

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