

DNA KB Ladder

Cat. No.: M101O; M101R

Concentration: 500 ng/5 μ l

Storage: -20°C

Version: 08/20/2008

Cat. No.	Format	Loading Size	Volume
M101O	original format	100 lanes	500 μ l
M101R	ready-to-use™	100 lanes	500 μ l

Description

The DNA KB Ladder is composed of 9 bands which are 500 bp, 1,000 bp, 2,000 bp, 3,000 bp, 4,000 bp, 5,000 bp, 6,000 bp, 8,000 bp and 10,000 bp.

The 3,000 bp band with higher concentration (20 ng/ μ l) can be distinguished easily from others bands (10 ng/ μ l). DNA KB Ladder is ideal for routine agarose gel electrophoresis of PCR products or any DNA fragments sized between 500 bp and 10,000 bp.

Recommended Loading

5 μ l (or 1 μ l/mm width of gel well)

Storage Buffer

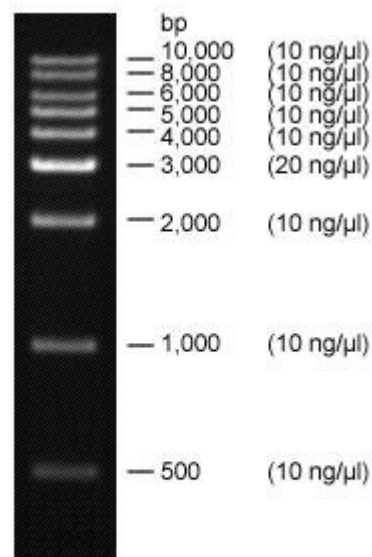
10 mM Tris-HCl (pH7.5), 1 mM EDTA

Note

- 6X DNA loading buffer can be ordered separately.
- Ready-to-use™ format is premixed with DNA loading buffer containing 5% Glycerol, 0.02% bromophenol blue, 0.02% xylene cyanol.

Quality Control

- Agarose gel analysis shows that the bands between 500 bp and 10,000 bp are accurate in size and distinguishable. The 3,000 bp band is 2 times more intense than any other bands.
- Incubation of 5 μ l of the DNA KB Ladder in restriction enzyme buffer overnight at 37°C shows absence of visible degradation.



0.8% agarose gel

Related Products

Cat. No.	Product
M102O	100 bp DNA Ladder - original format
M102R	100 bp DNA Ladder - ready-to-use™
M106O	PCR DNA Ladder - original format
M106R	PCR DNA Ladder - ready-to-use™
M103O	DNA Logical Ladder - original format
M103R	DNA Logical Ladder - ready-to-use™
E00007	Taq DNA Polymerase

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