



Bio Basic Inc.

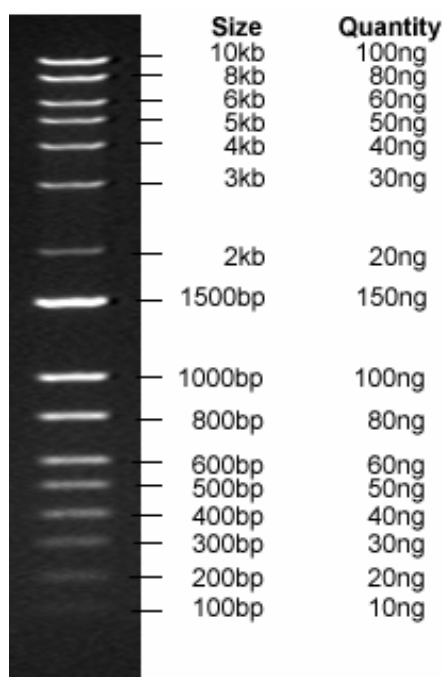
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Product Information

Catalogue Number: M103R-1 / M103R-2

Product Name: DNA Logic-Ladder (Ready-to-use)

Size: 600µl / 5x600ul



Description:

The DNA Logic-Ladder contains 16 DNA bands ranging from 100 base pair (bp) to 10 kilobase (kp). The DNA Logic-Ladder was formulated to yield such a pattern that each band contains a **LOGIC** amount of the DNA fragment that correlates to its size. Thus, to measure both the size and the quantity of a particular DNA fragment could be achieved at a glance. It is particularly useful to estimate DNA concentration, such as for probe labeling, DNA sequencing, optimizing insert/vector ratio in ligation reactions and many other applications, which DNA concentration has to be taken into consideration.

Recommended Loading: 6µl

Storage Buffer: 10mM Tris-HCl, pH 8.0. 1mM EDTA.
1 x loading buffer: (5% Glycerol, 0.02% bromophenol blue, 0.02% xylene cyanol).

Concentration: 920ng/6µl

Storage: -20°C

0.9% agarose gel

Quality Control:

- Agarose gel analysis shows that the bands between 100 bp and 10 kb are distinguishable.
- Incubation of 6µl of the DNA Logic-Ladder in restriction enzyme buffer overnight at 37°C shows absence of visible degradation on an ethidium bromide-stained agarose gel.

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