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Product Information

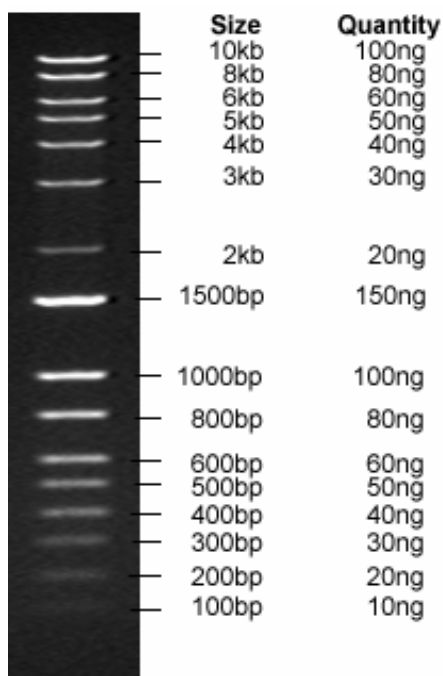
Catalogue Number: M103O-1 / M103O-2

Product Name: DNA Logic-Ladder (Original Form)

Size: 500ul / 5x500ul

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.



0.9% agarose gel

Recommended Loading: 5µl

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

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

Concentration: 920ng/5µl

Storage: -20°C

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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