



Bio Basic Inc.

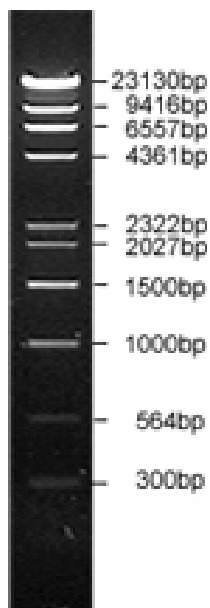
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Product Information

Catalogue: M105R-1 / M105R-2

Product Name: Lambda DNA/*Hind* III plus Marker (Ready-to-use)

Size: 600ul /5x600ul



Description:

The Lambda DNA/*Hind* III Plus marker is developed to have additional three bands of 1.5kb, 1kb and 300bp in the traditional Lambda DNA/ *Hind* III marker, as requested by many molecular biologists. Each recommended loading contains 0.5µg Lambda DNA and 56 ng of extra DNA (the three extra bands).

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: 556 ng/6µl

Storage: -20°C

0.8% agarose gel

Note: The cohesive ends of the 12 nt cos site of bacteriophage lambda from fragments of 23130 bp and 4361 bp may anneal and form an additional band at 27491 bp. These fragments may be separated by heating at 65°C for 5min and then cooling on ice for 3min.

Quality Control:

- Agarose gel analysis shows that the bands between 300 bp and 23130 bp are distinguishable.
- Incubation of 6µl of the Lambda DNA/*Hind* III Plus marker in restriction enzyme buffer overnight at 37°C shows absence of visible degradation.

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