



Bio Basic Inc.

A world leader in serving science

## 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.

QF 24 v2.0, 11/2011

20 Konrad Cres. Markham Ontario L3R 8T4 Canada  
Tel: (905) 474 4493, (800) 313 7224 Fax: (905) 474 5794  
Email: [order@biobasic.com](mailto:order@biobasic.com) Web: [www.biobasic.com](http://www.biobasic.com)