

Certificate of Analysis

Product: *Hind III* Fragments of Lambda Phage DNA Molecular Weight Marker

Code: MB-105-0100

Lot # 20084

Size: 100 µg

Physical State: Liquid (sterile filtered)

Nucleic Acid Concentration: 410 µg/ml

Buffer Composition: A solution in 10 mM Tris-Cl and 1 mM EDTA, pH 8.0.

Application(s): To be used as a molecular weight standard in Agarose Gel Electrophoresis (AGE) for the approximation of the size of an unknown nucleic acid.

Usage: This marker is prepared by digestion of purified Lambda Phage DNA with the restriction endonuclease *Hind III*. A mixture of 7 individual bands with the following number of base pairs: 23,130, 9,416, 6,557, 4,361, 2,027 and 564 and 125 are present. A higher sample loading may be required to visualize the 564 and 125 base pair band.

Storage Conditions: Store vial at –20° C or colder. Expiration date is six (6) months from date of opening vial.

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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