

Lambda Phage High Methylated DNA Control



Product Name: Lambda High Methylated DNA Control

Catalog Number: 80-8069-LHM20

Product Contents: 1 vial Lambda Phage High Methylated DNA (20µg at 100 ng/µL, >85% Methylation)

Technical Specifications: 20µg in TE buffer (10mM Tris-HCl, 1mM EDTA, pH 8.0) Store at -20°C, upon arrival, in aliquots, for 2 years. For best results, do not freeze/thaw an individual aliquot more than three times. For longer term storage -70°C is recommended.

Intended Use: FOR RESEARCH USE ONLY

Product Highlights

- ▶ Lambda Phage High Methylated DNA control is derived commercially from New England BioLabs and *in vitro* enzymatically methylated resulting in greater than 85% methylation.
- ▶ Ideal for use as control in bisulfite methylation analysis procedures including Pyrosequencing, targeted NGS, and Methylation Sensitive High-Resolution Melting (MS-HRM).
- ▶ Tested on gene specific methylation assay for consistent performance.
- ▶ Requires bisulfite modification prior to use.

Example Protocol

- ▶ Bisulfite modification of controls and sample(s) of interest.
 - Zymo Research EZ Methylation kit (Cat.#D5002 or D5004) with 200 - 500 ng of input DNA following manufacturers recommended protocol.

Contact our office by email or by phone to place an order

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