

## New England Biolabs Product Specification

*Product Name:* EpiMark<sup>®</sup> Methylated DNA Enrichment Kit  
*Catalog #:* E2600S  
*Kit Components:* Protein A Magnetic Beads (S1426) — Store at 4°C  
Bind/Wash Reaction Buffer (5X) (B1032) — Store at 4°C  
NaCl High-Salt Elution Buffer (B1033) — Store at 4°C  
MBD2a-Fc Protein (M0358) — Store at -20°C  
Fragmented HeLa DNA (N0484) — Store at 4°C  
LINE Primers for Methylated Controls (N0485) — Store at 4°C  
RPL30 Primers for Non-Methylated Controls (N0486) — Store at 4°C  
MirA Control Primers for Input Control (N0487) — Store at 4°C  
*Shelf Life:* 12 months  
*Storage Temp:* Multi-temperature  
*Specification Version:* PS-E2600S v1.0  
*Effective Date:* 09 Apr 2018

### Assay Name/Specification (minimum release criteria)

**Functional Test (Methylated DNA Enrichment)** - Methylated DNA is isolated from fragmented genomic HeLa DNA using the EpiMark<sup>®</sup> Methylated DNA Enrichment Kit resulting in >100-fold enrichment of methylated DNA as determined by qPCR analysis using a 2 log $\Delta$ Ct method.

\* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in EpiMark<sup>®</sup> Methylated DNA Enrichment Kit and meet the designated specifications.



Date 09 Apr 2018

Derek Robinson  
Director of Quality Control

