

New England Biolabs Product Specification

Product Name: EpiMark[®] Bisulfite Conversion Kit
Catalog #: E3318S
Kit Components: Bisulfite Mix (B1026)
Solubilization Buffer (B1027)
Desulfonation Buffer (concentrate) (B1028)
Binding Buffer (B1029)
Wash Buffer (B1030)
Elution Buffer (B1031)

Shelf Life: 12 months
Storage Temp: 25°C
Specification Version: PS-E3318S v1.0
Effective Date: 22 Oct 2018

Assay Name/Specification (minimum release criteria)

Functional Testing (EpiMark[®] Bisulfite Conversion Kit) - HeLa DNA was converted and purified using the EpiMark[®] Bisulfite Conversion Kit as described in the manual. The bisulfite-converted DNA was confirmed by PCR with bisulfite specific primers resulting in both 320 bp and 227 bp products. The efficiency of bisulfite conversion is >99% as determined by cloning and sequencing of both PCR products.

* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in EpiMark[®] Bisulfite Conversion Kit and meet the designated specifications.



Date 22 Oct 2018

Derek Robinson
Director of Quality Control

