

Certificate of Analysis

Product Name: Methylated Human Genomic DNA Control

Cat #: D6255815

Storage Condition: -20°C

Shipping Condition: Blue Ice

Shelf Life: One year from the date of receipt under proper storage condition

Description

The methylated human jurkat cell genomic DNA was generated by treating genomic DNA with Methylase which specifically methylates the CpG into C^mpG within double stranded dinucleotide recognition sequence. The fully methylated genomic DNA is provided undigested and can be used as methylated control DNA for research.

Quality Control

1. The methylated genomic DNA is tested with the control primers, a 220 bp size band can be visualized on 3% agarose gel.
2. The C^mpG sequences are confirmed by sequencing analysis after bisulfite conversion.
3. The methylated genomic DNA purity is tested by spectrophotometer, A260/280 is between 1.7 and 2.0, A260/230 is >2.0. (detected in 10 mM Tris-Cl, pH 7.5)

Components

1. Methylated Human Genomic DNA 5 µg, at concentration 250 ng/ul
2. Control Primer Pair
3. Protocol Manual
4. Certificate of Analysis
5. MSDS

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____

