

## Product Highlights

- ▶ Human High Methylated Genomic DNA is derived from whole blood 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 MS-HRM
- ▶ Tested on gene specific and global methylation assays for consistent performance
- ▶ Requires bisulfite modification prior to use

## Product Contents

1 vial Human High Methylated Genomic DNA (5 µg at 100 ng/µL, > 85% Methylation)

## Ordering Information

CATALOG NUMBER	PRODUCT	PRICE
80-8061-HGHM5	Human high methylated genomic DNA (5 µg at 100 ng/ µL)	\$219.99

## Related Products

CATALOG NUMBER	PRODUCT	PRICE
80-8063-MGHM5	Mouse high methylated genomic DNA (5 µg at 100 ng/ µL)	\$229.99
80-8065-RGHM5	Rat high methylated genomic DNA (5 µg at 100 ng/ µL)	\$229.99
80-8067-PMGHM5	Monkey ( <i>Macaca mulatta</i> ) high methylated genomic DNA (5 µg at 100 ng/ µL)	\$250.00
80-8062-HGUM5	Human low methylated genomic DNA (5 µg at 100 ng/ µL)	\$219.99
80-8064-MGUM5	Mouse low methylated genomic DNA (5 µg at 100 ng/ µL)	\$229.99
80-8066-RGUM5	Rat low methylated genomic DNA (5 µg at 100 ng/ µL)	\$229.99
80-8068-PMGUM5	Monkey ( <i>Macaca mulatta</i> ) low methylated genomic DNA (5 µg at 100 ng/ µL)	\$250.00
80-8060H-PREMIX	Human Premixed Calibration Standard (1 µg per vial, 20 µL volume)	\$359.96
80-8060M-PREMIX	Mouse Premixed Calibration Standard (1 µg per vial, 20 µL volume)	\$359.96
80-8060R-PREMIX	Rat Premixed Calibration Standard (1 µg per vial, 20 µL volume)	\$353.96
80-8060PM-PREMIX	Monkey ( <i>Macaca mulatta</i> ) Premixed Calibration Standard (1 µg per vial, 20 µL volume)	\$359.96

## Technical Specifications

- ▶ 5µg DNA in TE buffer (10mM Tris-HCl, 1mM EDTA, pH 8.0)
- ▶ Store at -20°C, 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.

## Example Quality Control Results

Figure: High Methylated Control DNA Tested on a Human MGMT Promoter Methylation Assay via Pyrosequencing  
*Pyrogram showing approximately 90% methylation at all CpG sites*

