Human Dermal Microvascular Endothelial Cell Genomic DNA
(HDMEC gDNA)

Catalog #2009

Quantity: 5 µg

Product Description

Human Dermal Microvascular Endothelial Cell Genomic DNA (HDMEC gDNA) is prepared from early passage Human Dermal Microvascular Endothelial Cells using the Qiagen Allprep DNA/RNA Mini Kit. The quality and purity of genomic DNA are tested by spectrophotometer and gel electrophoresis. The genomic DNA is provided ready to use for a variety of analyses including: SNP analysis, DNA methylation analysis, Southern Blotting, and PCR. Genomic DNA from ScienCell Research Laboratories is convenient and cost effective for researchers as it eliminates the need to acquire expensive tissues for isolation of DNA.

Quality Control

- The A_{260}/A_{280} ratio of the genomic DNA is measured to be between the ranges of 1.7-1.9 using a Beckman Coulter DU 800 spectrophotometer.
- PCR detected β-actin gene.

Application

- PCR, SNP analysis and Southern Blotting
- Genomic DNA library construction
- Genomic DNA methylation study

Product Use

HDMEC gDNA is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

Storage

Store genomic DNA at -80°C upon arrival. To ensure stability, we recommend to aliquot the genomic DNA into single-use fractions to avoid repeated freeze/thaw cycles.

Shipping

Dry ice.