# Human Colonic Microvascular Endothelial Cell Genomic DNA
**(HCoMEC gDNA)**
Catalog #2939

Quantity: 5 µg

**Product Description**
Human Colonic Microvascular Endothelial Cell Genomic DNA (HCoMEC gDNA) is prepared from early passage Human Colonic 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**
HCoMEC 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.