Human Cardiac Myocyte cDNA (HCM cDNA)

Catalog #6204

Volume: 20 µl (approximately 20 reactions)

Product Description

Human Cardiac Myocyte PCR-ready first strand cDNA (HCM cDNA) is prepared from RNA extracted from Human Cardiac Myocytes by a Qiagen RNeasy kit. 2 µg total RNA is then reverse-transcribed using an Applied Biosystems' High-Capacity cDNA Reverse Transcription kit. 1 µl cDNA is sufficient for one PCR reaction. cDNA from ScienCell Research Laboratories is convenient and cost effective for researchers as it eliminates the need to acquire expensive tissues.

Quality Control

- The A_{260}/A_{280} ratio of the cDNA is measured to be between 1.7-1.9 using a Beckman Coulter DU 800 spectrophotometer.
- The cDNA is performance-tested in a control PCR using β-actin primers.

Application

- PCR
- DNA microarray and gene expression profiling
- Cloning of specific genes
- Gene alternative splicing and mutation detection

Product Use

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

Storage

Store cDNA at -20°C upon arrival; aliquot the cDNA to avoid repeated freeze/thaw cycles.

Shipping

Dry ice