

# Human Coronary Artery Smooth Muscle Cells

**Cat# NB-11-0019**

## Introduction

Primary Human Lung Microvascular Endothelial Cells (NB-11-0019) are initiated from normal human peripheral lung tissue.

## Cell initiation

These cells were originated using CSC Complete Serum-Free Medium (NB-11-0061), and subsequently grown and passaged in CSC Complete Medium (NB-11-0046). They are available at Passage 3 [ $< 12$  cumulative population doublings] cryopreserved in CSC Cell Freezing Medium (NB-11-0075). This vial will initiate a Passage 4 cell culture in a  $75\text{cm}^2$  flask.

In addition to cryopreserved vials, these cells also are available in  $25\text{cm}^2$  and  $75\text{cm}^2$  proliferating cell culture flasks.



## Companion Products

Each vial or flask of cells is shipped to Customer with Bac-Off® (antibiotic) and CultureBoost (animal derived growth factors) or CultureBoost-R (human recombinant growth factors) at no additional cost.

These cells are qualified for use with: CSC Complete Serum Free Medium (NB-11-0061) and CSC Complete Medium which includes 10% serum (NB-11-0046); CSC Attachment Factor™ (NB-11-0069); CSC Passage Reagent Group™ (NB-11-0076) and CSC Cell Freezing Medium (NB-11-0075).

## Standard Tests

| TEST   | RESULTS  |
|--|----------|
| HIV Serologic Test (donor level HIV AB EIA)  | Negative |
| HIV PCR TEST (frozen cell pool by CLIA Licensed Clinical Lab)                        | Negative |
| Test of frozen cells for Mycoplasma spp. (ATCC method by CLIA Licensed Clinical Lab) | Negative |

## Miscellaneous Tests

| TEST  | RESULTS                              |
|---|--------------------------------------|
| Inducible expression of CD 62E (E-Selectin) | > 90% positive by immunofluorescence |
| Cytoplasmic VWF / Factor VIII               | > 95% positive by immunofluorescence |
| Cytoplasmic uptake of Di-I-Ac-LDL           | Cytoplasmic uptake of Di-I-Ac-LDL    |