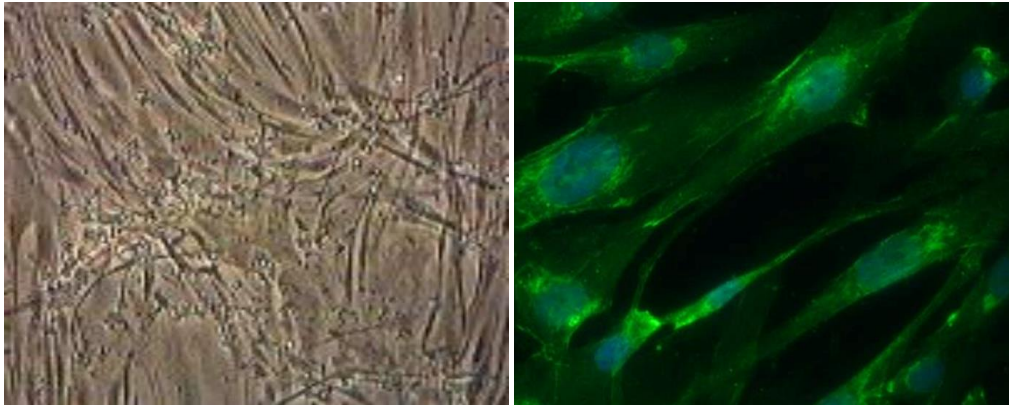


Primary Human Coronary Artery

Smooth Muscle Cells

Cat # NB-11-0018A size: 1×10^6 cells/ml (frozen)



Description

These antibody-free human primary cells were initiated from normal human coronary arterial tissue without the use of positive selection of antibodies.

Product Information

Increase Biological Relevance with Human Primary Cells

Our antibody-free primary cells can offer a more biologically relevant cell culture tool for scientists to enhance their research insights. These primary cells were originated using Neo Biotech Complete Serum-Free Medium (NB-11-0061) and subsequently grown and passaged in Neo Biotech Complete Classic Medium (NB-11-0046). The cells are cryopreserved in Neo Biotech Cell Freezing Medium (NB-11-0075).

- Isolated from normal, healthy donor tissue
- Available at Passage 3 (<12 cumulative population doublings)
- Each vial contains approximately 1×10^6 cells
- Each vial will initiate a Passage 4 cell culture in a 75 cm^2 flask
- Available in reserved lots to enhance consistency in your research program
- Each vial of cells is shipped to customers with 1mL of Bac-Off® and 0.25mL of CultureBoost™.

Storage Instruction: Neo Biotech ships frozen cells on Dry Ice. On receipt, immediately transfer frozen cells to liquid nitrogen (-180°C) until ready for experimental use. Live cell shipment is also available on request.

Never can primary cells be kept at -20°C .

Tests

Standard Tests

TESTS	RESULTS
HIV Serologic Test (donor level HIV AB EIA)	Negative
HIV PCR Test (frozen cell pool by CLIA Licensed Clinical Lab)	Negative
Hepatitis B (HBV) and Hepatitis C (HCV) PCR Test (at frozen cell level)	Negative

Retail Production (P3) Tests

TESTS	RESULTS
Bacterial Sterility (culture method) by independent lab	Pass
Fungal Sterility (culture method) by independent lab	Pass
Mycoplasma Sterility (culture method) by independent lab	Pass

Cell Markers and Functional Tests

TESTS	RESULT
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	> 95% positive by immunofluorescence

*For reference only
For Research Use Only. Not for Diagnostic or Therapeutic Use.*