

# Primary Cell Culture Workflow

Primary cell cultures are a powerful research tool for studying biological development and pathways, as well as the mechanisms of action and effects of synthetic molecules and biosimilars. We provide animal-free and serum-free media, reagents, and other critical components to support the entire primary cell culture workflow, from isolation to cell culture and banking.

Learn more at [fishersci.com/mp-biomedicals-cell-culture](https://fishersci.com/mp-biomedicals-cell-culture) or [fishersci.ca/mp-biomedicals-cell-culture](https://fishersci.ca/mp-biomedicals-cell-culture)

## 1 ISOLATE

Generating tissue-relevant systems starts by using reliable solutions and enzymes for the isolation of primary cells.

### Top Categories:



DIGESTION  
BUFFERS

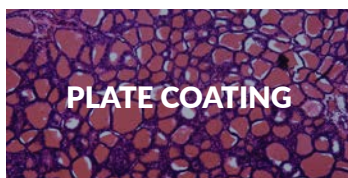


PLATE COATING



ENZYMATIC  
DIGESTION



ANTIBIOTICS

### Featured Products:



HEPES 1M  
Cat. No. ICN1688449



1X Hanks' Balanced  
Salt Solution  
Cat. No. ICN1810054



1X Trypsin-EDTA Solution  
Cat. No. ICN1689649



Pen-Strep  
Cat. No. MP091670049

## 2 CULTURE

Support the seeding and expansion of freshly isolated primary cells with our ready-to-use and high-quality cell culture reagents and solutions.

### Top Categories:



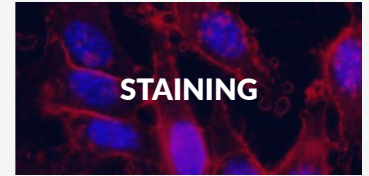
BASAL MEDIA



MEDIA SUPPLEMENTS



SERUM



STAINING

### Featured Products:



FastGro™

Cat. No. MP092640049



Serum, Donor horse

Cat. No. MP092921149



Chicken Embryo Extract

Cat. No. MP92850145



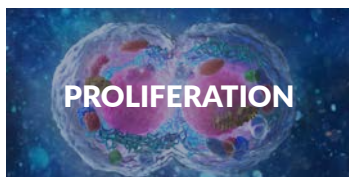
DMEM/F-12

Cat. No. MP091046822

## 3 BANKING

After obtaining primary cells, use our high-quality cell health verification kits to assess for cell viability, proliferation, senescence, and mycoplasma contamination. Store and transport your cells with our GMP-manufactured cryopreservation reagents for high cell viability.

### Top Categories:



PROLIFERATION



CELL HEALTH



TRANSPORT



CRYOPRESERVATION

### Featured Products:



FastCounting™  
Cell Counting Kit

Cat. No. MP092690132



FastCellular™  
Senescence Detection Kit

Cat. No. MP092690301



2-8 CELLsium™

Cat. No. MP092780349



CellVation  
Cryopreservation Medium

Cat. No. MP920300M2

Distributed by Fisher Scientific. Contact us today:

In the United States

Order online: [fishersci.com](http://fishersci.com)

Call customer service: 1-800-766-7000

In Canada

Order online: [fishersci.ca](http://fishersci.ca)

Call customer service: 1-800-234-7437

 **fisher scientific**  
part of Thermo Fisher Scientific