

WILL MY CELLS SURVIVE WITHOUT SERUM?

Fetal bovine serum (FBS) is widely used in cell culture media: it provides hormones, lipids and growth factors essential for cell growth and proliferation.

While serum helps keep cells healthy, it also has significant drawbacks:

- ✓ **Lot-to-lot variability:** FBS can vary between batches, potentially affecting cell growth, survival and experimental results.
- ✓ **Risk of contamination:** FBS may carry viral or bacterial contaminants, compromising cell health and growth and potentially invalidating the experiment.



EUROCLONE SOLUTIONS FOR ANIMAL SERUM REPLACEMENT

IsoCell GROWTH Plus

IsoCell GROWTH Plus is a pool of platelet lysates obtained from healthy volunteer donors, screened for multiple infectious parameters.

It enables animal serum-free cell culture and supports the proliferation of human cell lines, primary cells and mesenchymal stem cells (MSCs).

Features & Benefits

- **Xeno-free and human-derived:** an effective alternative to fetal bovine serum (FBS), made exclusively from human components.
- **Ready to use:** no heparin supplementation required.
- **Safe and consistent:** no risk of xenogenic immune reactions or transmission of bovine microorganisms and prions, with very low batch-to-batch variability.

EuroSF Supplement

EuroSF Supplement is a chemically defined, animal component-free supplement designed for reliable *in vitro* cell culture.

It provides essential nutritional support for the growth and development of a broad range of adherent and suspension cultures, including cell lines, primary cells and insect cells.

Features & Benefits

- **Animal component-free and chemically defined:** greater control and consistency.
- **Safe and reliable:** no risk of xenogenic immune reactions or bovine pathogen transmission.
- **Highly consistent:** very low batch-to-batch variability and low protein content.

ORDERING INFORMATION:

Code	Description	Volume	Store
ESA0010N	IsoCell Growth PLUS	50 ml	-20°C
ESA0700L	EuroSF Supplement	500 ml	2-8°C