



Euroclone solutions for animal serum replacement

Fetal bovine serum (FBS) is a widely used additive for cell culture media because it contains hormones, lipids and growth factors essential for cell proliferation and growth.

Serum maintains your cells healthy and happy, but there are some significant drawbacks:

- It is an animal-derived natural product, and each new lot of material will vary. Variability is critical for cell growth and survival, can confound your results! (ie. assays measuring the effect of a growth factor or drug on a cellular function)
- serum can be “potentially” viral or bacterial contaminated, adding contaminated serum to your culture will affect the health and growth of your cells. ...the experiment is lost!

Will my cells survive without serum?

IsoCell GROWTH Plus

IsoCell GROWTH Plus is a pool of platelet lysates obtained from healthy volunteer donors tested for several infection parameters.

IsoCell Growth allows the cell culture in animal serum-free conditions, it supports the proliferation of different human cells, cell lines and primary cells, including mesenchymal stem cells (MSC).

Features & Benefits

- Xeno-free alternative to fetal bovine serum (FBS), exclusively human components
- Ready for use, no addition of heparin is required
- Is not associated with the risk of xenogenic immune reactions or transmission of bovine microorganisms and prions
- Very low batch-to-batch variability

EuroSF Supplement

This reagent is a chemically defined cell culture supplement optimised for the in vitro cell culture, in an animal-derived component free environment.

It provides the necessary nutritional support for cell growth and development and is appropriate for most animal cell types, both anchorage-dependent and suspension cell culture types, cell lines as well as primary cultures.

Features & Benefits

- Animal-derived component Free
- Chemically defined
- No risk of xenogenic immune reactions or transmission of bovine microorganisms/prions
- Very low batch-to-batch variability; very low Protein Content
- To be used with most cell lines, primary cells and insect cells

Ordering information

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