Product Information

Fetal Bovine Serum Charcoal Stripped, Collected in South America, sterile-filtered
Cat. No. FBS-CS-12A (500 ml), FBS-CS-12B (100 ml)

General Information

Serum is the blood component obtained after coagulation and removal of cellular components. Besides serum proteins it contains growth factors, amino acids and hormones, etc. This comprehensive mix makes serum one of the most important supplements for supporting cell growth and proliferation in *in vitro* cell culture. Of special interest is fetal bovine serum (FBS). It is especially rich in growth factors and low in antibodies, which may influence the cell culture work.

Fetal Bovine Serum Charcoal Stripped is produced by filtering through an activated carbon absorbent filter resulting in reduced concentrations of steroid hormones such as estradiol, progesterone, cortisol, testosterone, T3 and T4 without nonspecific loss of other serum components. This product is useful for studying processes influenced by steroid hormones (estrogen stimulation, obesity process) and other research topics that benefit from reduced hormone levels such as certain types of viral infections.

Product Specifications

Appearance	Clear amber liquid
Storage and shelf life	Store at ≤ -15°C. Avoid repeated freeze-thaw cycles. Preparation of aliquots recommended. Once opened, store at +4°C and use within 4-6 weeks.
Shipping conditions	Frozen (Dry ice)
Thawing	Overnight at +2°C to +8°C. Swirl gently to homogenize.

Quality Control

Only serum batches which pass our strict quality control are released for sale. Standard parameters which are determined include pH, osmolality, content of protein, albumin, IgG and hemoglobin, endotoxin level, sterility, mycoplasma detection and virus testing.

Precautions and Disclaimer

This product is for research use only.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).