



Fetal Bovine Serum

FBS PRODUCT HIGHLIGHTS

- Triple 0.1µm sterile filtered
- Free storage for up to 1 year
- Heat Inactivation & Gamma Irradiation upon request
- Ships on dry ice, gel packs or refrigerated truck
- Store frozen at -20 to -10°C
- Samples upon request

All of our FBS is processed in certified ISO 9001 and ISO 13485 facilities ensuring the highest traceability, quality and consistency from lot to lot.

Serum is commonly used as a supplement to basal growth medium in cell culture. The most common type of serum is fetal bovine serum (FBS) because of its high content of embryonic growth promoting factors. In cell culture, serum provides a wide variety of macromolecular proteins, low molecular weight nutrients, carrier proteins for water – insoluble components, and other compounds necessary for in vitro growth of cells, such as hormones and attachment factors. Serum also adds buffering capacity to the medium and binds or neutralizes toxic components.

Each lot of FBS is tested to confirm the serum meets the written specifications. Final product release is done after reviewing all production and quality control records to determine compliance with all established, approved written procedures.

Fetal Bovine Serum Uses

Vaccines – Since it has a low level of antibodies it is regularly used to produce vaccines for measles, mumps and rubella.

Cell Culture – Fetal bovine serum also has a high number of hormones which makes it an ideal cell culture.

Cloning – The high growth factor of fetal bovine serum has led to it being commonly used in cloning animal tissues.

Pinnacle Fetal Bovine Serum – all origins

(Endotoxin < 5EU/mL, Hemoglobin < 25mg/dL, Cell growth > 80% on the 6th day)

Our premium FBS meets the highest quality standards for endotoxin and hemoglobin levels and supports the growth of widest variety of cell lines.

Choice Fetal Bovine Serum – all origins

(Endotoxin < 20EU/mL, Hemoglobin < 40mg/dL)

Intended for the customer who wants excellent cell growth while buying at the more economical prices. This material is distinguished from our Pinnacle FBS by allowing for slightly higher levels of hemoglobin and/or endotoxin.

Cornerstone Fetal Bovine Serum – all origins

(Endotoxin and Hemoglobin – Test and Report)

Intended for cost-sensitive customers who require a quality product with consistent performance.

Our Commitment to YOU

Phoenix Scientific commits to partnering with our Customers' to provide high quality products. Our Dedication to QUALITY is what sets us apart...Phoenix Scientific is dedicated to meeting or exceeding our customers needs and expectations with the products and services we provide.



Phoenix Scientific

PHOENIX SCIENTIFIC

251 North City Dr, Suite 127
San Marcos, CA 92078 | USA
+1 (760) 621-7692
sales@phoenix-scientific.com
phoenix-scientific.com

For laboratory research and development use only. Not for human use. Phoenix Scientific shall not be held liable for any damage resulting from handling or from contact with the above products.