



**Fetal Bovine Serum
(FBS)**
Catalog #0500

Product Description

Fetal Bovine Serum (FBS) is a complex mixture of proteins, hormones, lipids and other various sized biomolecules, and is widely used in many growth supplements. FBS is derived from clotted whole blood aseptically collected from fetuses via cardiac puncture. The 500mL solution is sterile filtered and has a neutral pH. Each lot is rigorously controlled and tested and exceeds cell culture testing standards. The solution has no greater than 0.625 EU/mL endotoxins and is free from viral agents.

Product Use

FBS is for research use only. It is not approved for human or animal use, or for application in clinical or *in vitro* diagnostic procedures.

Storage

Store FBS at -20°C and protect from light. The serum is stable until the expiration date located on the bottle when stored at -20°C. When stored in the dark at 4°C, it is stable for one month.

Shipping Dry

Ice.

Prepare for use

Remove the bottle from the freezer and acclimate at room temperature for 10 minutes. Place product in a 30-37°C water bath and allow to thaw completely, ensuring each bottle is agitated or swirled every 5-10 minutes. After thawing, use the serum or place into a refrigerator for up to 1 month. Aliquots should be prepared to avoid multiple freeze-thaw cycles.

Note: Flocculent material or precipitates may appear upon thawing or if stored for prolonged periods of time in the refrigerator. This is a normal characteristic of any type of serum and is not an indicator of bacterial growth or signs of detrimental performance.

Caution: If handled improperly, some components of this product may present a health hazard. Take appropriate precautions when handling this product, including the wearing of protective clothing and eyewear. Dispose of properly.