

Product Datasheet

Fetal Bovine Serum - Optima, Heat Inactivated S12495H-NOV

Unit Size: 50 ml

Store at -20C. Avoid freeze-thaw cycles.

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S12495H-NOV

Fetal Bovine Serum - Optima, Heat Inactivated

Product Information	
Unit Size	50 ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Product Description	
Description	<p>Fetal Bovine Serum - Optima, Heat Inactivated Summary</p> <p>Fetal Bovine Serum Optima, Heat Inactivated is a high-quality FBS grade low in endotoxin and hemoglobin. It meets the requirements of most cell lines and is suitable for general applications.</p> <p>Why Use Fetal Bovine Serum - Optima?</p> <p>All lots of Fetal Bovine Serum Optima are sterility, virus, and performance tested, and include a biochemical profile. Lots are manufactured from USA origin material following stringent manufacturing and quality control procedures. Optima FBS is USDA-APHIS certified and is manufactured in our ISO 9001:2015 certified facility.</p> <p>Why Heat Inactivate Serum</p> <p>The objective of heat inactivation is to destroy complement activity in the serum without affecting the growth-promoting characteristics of the product. Removal of complement activity from the serum is not required for most cell cultures, but may be necessary for cultures that are sensitive to the complement activity. Since heat inactivation of the serum may, to some extent, decrease the growth performance properties of the Serum, this procedure should only be performed if actually required for optimal cell growth. Researchers should evaluate the applicability of heat inactivation in regards to their own application. If heat inactivation is required, the process should be carefully controlled to avoid increased formation of crystalline and flocculent precipitates, gelling of serum proteins and excessive loss of growth performance. Significant damage to serum can occur when it is subjected to higher than required temperatures or heated over extended lengths of time.</p> <p>Specifications</p> <p>Purification: Triple 0.1 um filtered</p> <p>Sterility Testing: Pass</p> <p>Testing Cell Culture: Pass</p> <p>Testing Biochemical Test Panel: Extended</p> <p>Viral Testing: Extended</p> <p>Country of Origin: UNITED STATES</p> <p>Limitations</p> <p>For research use only. Not for diagnostic use.</p>



Species	Bovine
Product Application Details	
Applications	Cell Culture
Recommended Dilutions	Cell Culture
Application Notes	Fetal Bovine Serum - Optima, Heat inactivated, is a high-quality FBS grade low in endotoxin and hemoglobin. It meets the requirements of most cell lines and is suitable for general applications.

Images

Serum: Fetal Bovine Serum - Optima, Heat Inactivated [S12495H-NOV] - Fetal Bovine Serum - Optima, Heat inactivated, is a high-quality FBS grade low in endotoxin and hemoglobin. It meets the requirements of most cell lines and is suitable for general applications.





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