

# Product Datasheet

## Fetal Bovine Serum - Premium Select, Heat Inactivated S11510H-NOV

Unit Size: 100 ml

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

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**S11510H-NOV****Fetal Bovine Serum - Premium Select, Heat Inactivated**

<b>Product Information</b>	
<b>Unit Size</b>	100 ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Product Description</b>	
<b>Description</b>	<p>Fetal Bovine Serum - Premium Select, Heat Inactivated Summary</p> <p>Fetal Bovine Serum Premium Select, Heat Inactivated is the highest FBS grade available. It is lowest in endotoxin and hemoglobin, and is suitable even for the most demanding and sensitive cell lines.</p> <p>Why Use Fetal Bovine Serum - Premium Select?</p> <p>All lots of Fetal Bovine Serum Premium Select are sterility, virus, and performance tested, and include a biochemical profile. In addition, a hormone analysis is performed. Lots are manufactured from USA origin or USDA-approved origin material following stringent manufacturing and quality control procedures. All lots of FBS - Premium Select are 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 the 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>SpecificationsPurification: 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>Testing Additional: Hormonal</p> <p>Limitations</p> <p>For research use only. Not for diagnostic use.</p>
<b>Species</b>	Bovine



**Product Application Details**

<b>Applications</b>	Cell Culture
<b>Recommended Dilutions</b>	Cell Culture
<b>Application Notes</b>	Fetal Bovine Serum - Premium Select, Heat inactivated, is the highest FBS grade available. It is lowest in endotoxin and hemoglobin, and is suitable even for the most demanding and sensitive cell lines.

**Images**

Serum: Fetal Bovine Serum - Premium Select, Heat Inactivated [S11510H-NOV] - Fetal Bovine Serum - Premium Select, Heat inactivated, is the highest FBS grade available. It is lowest in endotoxin and hemoglobin, and is suitable even for the most demanding and sensitive cell lines.





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