

Product Datasheet

Fetal Bovine Serum - Embryonic Stem Cell Qualified, Heat Inactivated S10295H-NOV

Unit Size: 50 ml

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

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Updated 9/11/2023 v.20.1

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S10295H-NOV

Fetal Bovine Serum - Embryonic Stem Cell Qualified, Heat Inactivated

Product Information	
Unit Size	50 ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Product Description	
Description	<p>Fetal Bovine Serum - Embryonic Stem Cell Qualified, Heat Inactivated Summary</p> <p>For applications utilizing embryonic stem (ES) cells, the success is highly dependent on identifying a suitable lot of Fetal Bovine Serum ES Cell Qualified Fetal Bovine Serum is pre-screened for exceptional performance with embryonic stem cells, minimizing the need for evaluating serum lots.</p> <p>Why Use Embryonic Stem Cell Qualified Fetal Bovine Serum</p> <p>Only the highest quality Fetal Bovine Serum lots are selected for further testing regarding suitability for culturing embryonic stem cells. This screening includes plating efficiency, colony morphology, and cytotoxicity assays. ES Qualified FBS lots must offer outstanding performance with embryonic stem cells while maintaining the cells in their valuable undifferentiated state. All lots of Embryonic Stem Cell Qualified FBS 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 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>Atlanta Biologicals serum products are now sold under the R&D Systems brand. Manufactured in our ISO 9001:2015 certified facility.</p> <p>Specifications</p> <p>Purification: Triple 0.1 um filtered</p> <p>Sterility: Testing Pass</p> <p>Testing Additional: ES Cell Testing</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

For applications utilizing embryonic stem (ES) cells, the success is highly dependent on identifying a suitable lot of Fetal Bovine Serum. ES Cell Qualified Fetal Bovine Serum is pre-screened for exceptional performance with embryonic stem cells, minimizing the need for evaluating serum lots.

Images

Serum: Fetal Bovine Serum - Embryonic Stem Cell Qualified, Heat Inactivated [S10295H-NOV] - For applications utilizing embryonic stem (ES) cells, the success is highly dependent on identifying a suitable lot of Fetal Bovine Serum. ES Cell Qualified Fetal Bovine Serum is pre-screened for exceptional performance with embryonic stem cells, minimizi





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