

Product Datasheet

Newborn Calf Serum, Heat Inactivated S11210H-NOV

Unit Size: 100 ml

Store at -20C in the dark. Avoid freeze-thaw cycles.

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S11210H-NOV**Newborn Calf Serum, Heat Inactivated**

Product Information	
Unit Size	100 ml
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Product Description	
Description	<p>Newborn Calf Serum Heat Inactivated Summary</p> <p>Newborn Calf Serum (NBC, NBCS) provides many of the same nutrients as Fetal Bovine Serum but has slightly higher protein levels.</p> <p>Why Use Newborn Calf Serum</p> <p>Newborn Bovine Calf Serum is collected from healthy, inspected bovine calves that are less than 14 days of age and manufactured under stringent collection and processing standards. It is used for routine maintenance of select cell lines and where low antibody concentrations are not critical. Newborn Calf Serum is often used as a lower-priced alternative to FBS.</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>Specifications</p> <p>Purification: 0.2 um filtered</p> <p>Sterility Testing: Pass</p> <p>Country of Origin: NEW ZEALAND</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	Newborn Calf Serum (NBC, NBS) provides many of the same nutrients as Fetal Bovine Serum, but has slightly higher protein levels.

Images

Serum: Newborn Calf Serum, Heat Inactivated [S11210H-NOV] - Fetal Bovine Serum - Charcoal/Dextran Treated





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

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