

# Product Datasheet

## Donor Horse Serum, Heat Inactivated S12195H-NOV

Unit Size: 50 ml

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

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**S12195H-NOV**

Donor Horse Serum, Heat Inactivated

Product Information	
Unit Size	50 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>Donor Horse Serum Heat Inactivated Summary</p> <p>Donor Horse Serum (DHS), Heat Inactivated is frequently used in combination with bovine sera or independently to supplement media for mammalian cell culture.</p> <p>Why Use Donor Horse Serum Heat Inactivated</p> <p>Donor Horse Serum (DHS) is derived from healthy, live animals greater than 12 months of age. The donor animals receive regular veterinary inspection and care, and are kept in carefully managed and strictly segregated herds. The donor animals are all gelded draft horses in order to limit lot-to-lot hormone level variations. A variety of cell types can be successfully propagated in DHS. It is frequently used in combination with bovine sera or independently to supplement media for mammalian cell culture. DHS is often utilized in bovine virus research applications since it does not contain bovine antibodies. It is also used as a supplement in some bacteriological media. Donor Horse Serum Heat Inactivated is treated by heat inactivation where serum is exposed to a temperature of 56 C for 30 minutes under controlled conditions.</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 regard 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: 0.2 um filtered</p> <p>Sterility Testing: Pass</p> <p>Country of Origin: UNITED STATES</p> <p>Limitations For research use only. Not for diagnostic use.</p>
Species	Equine



## Product Application Details

<b>Applications</b>	Cell Culture
<b>Recommended Dilutions</b>	Cell Culture
<b>Application Notes</b>	Donor Horse Serum (DHS), Heat inactivated, is frequently used in combination with bovine sera or independently to supplement media for mammalian cell culture.

## Images

Serum: Donor Horse Serum, Heat Inactivated [S12195H-NOV] - Donor Horse Serum (DHS), Heat inactivated, is frequently used in combination with bovine sera or independently to supplement media for mammalian cell culture.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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