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Datasheet for D100-00-0050

Bovine/Calf Serum Sterile

Overview

Description:	Bovine/Calf Serum (Sterile) - D100-00-0050
Item No.:	D100-00-0050
Size:	50 mL
Origin:	Bovine

Product Details

Background:	Bovine Serum / Calf Serum is used as a supplement to cell culture media. Bovine Serum is also suitable for use as a component of bioassays, immunoassays or enzyme assays. Bovine Serum provides a broad spectrum of macromolecules, carrier proteins for lipoid substances and trace elements, attachment and spreading factors, low molecular weight nutrients, and hormones and growth factors that promote cell growth and health. Be certain to maintain Good Cell Culture Practice, and maintain sterility of cultures that require media supplementation. Bovine Serum is ideal for investigators in Cancer, Immunology, and Cell Biology research.
Synonyms:	Bovine serum for cell culture, cell culture grade bovine serum, sterile serum from bovine, calf serum
Species of Origin:	Bovine

Target Details

Purity/Specificity:	Bovine Serum / Calf Serum was prepared by removal of fibrinogen through clot formation. Bovine Serum was separated from cellular components and purified through centrifugation and filtration techniques. Assay by immunoelectrophoresis resulted in multiple precipitin arcs against anti-Bovine Serum. Bovine Serum was sterilized using a 0.22 micron filter and found to be negative for bacterial growth after incubation on trypticase soy agar for 24 hours, 48 hours, and 72 hours.
Relevant Links:	• D100-00 SDS

Application Details

Application Note:	pH: normal

	Immunoelectrophoresis: normal Hemoglobin: normal IgG Concentration: normal
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Tissue Data

Tissue Type:	Serum
Sex:	Mixed
Strain:	Bovine/Calf - Mixed

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	85 mg/mL by Refractometry
Buffer:	None
Sterility:	Sterile
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store container at -20° C prior to opening. Avoid cycles of freezing and thawing. Use aseptic technique to maintain sterility when opening product.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Bottle
Rockland's Sterile Bovine/Calf Serum

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.