Order online now!

www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for D118-00-0050

Bovine (Thyroidectomized) Serum Sterile

Overview

Description:	Bovine (Thyroidectomized) Serum (Sterile) - D118-00-0050
Item No.:	D118-00-0050
Size:	50 mL
Applications:	Other
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
Species of Origin:	Bovine

Application Details

Suggested Applications:	Other (Based on references)
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:	91 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.

References

- Manaager JA et al. Carbohydrate processing of thyrotropin differs from that of free alpha-subunit and total glycoproteins in microsomal subfractions of mouse pituitary tumor. *Endocrinology.* (1984)
- Weintraub BD et al. Glycosylation of thyroid-stimulating hormone in pituitary tumor cells: influence of high mannose oligosaccharide units on subunit aggregation, combination, and intracellular degradation. *Endocrinology.* (1983)
- Ridgeway EC et al. Mouse pituitary tumor line secreting only the alpha-subunit of the glycoprotein hormones: development from a thyrotropic tumor. *Endocrinology.* (1983)

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.