

Datasheet for FBS-02-0050**Fetal Bovine Serum****Overview**

Description:	Fetal Bovine Serum, Origin: United States triple 0.1 micron filtered - FBS-02-0050
Item No.:	FBS-02-0050
Size:	50 mL
Applications:	Cellular Assay
Origin:	Bovine

Product Details

Background:	This product originates in the United States and is mycoplasma, virus, performance and endotoxin tested.
Synonyms:	FBS, Fetal Bovine Serum, Fetal Bovine Serum
Species of Origin:	Bovine

Target Details

Purity/Specificity:	Sterility: Sterile Bacteriophage: Negative Mycoplasma: Negative Hemoglobin: <15 mg/dL Endotoxin: <0.1 EU/mL Performance: Pass Heat Inactivation: Not performed Virus: Negative as tested (BAV-1, BAV-5, Bluetongue, BPV, BRSV, BVDV, IBR, PI3, Rabies, Reovirus)
Relevant Links:	FBS-02 SDS

Application Details

Suggested Applications:	Cellular Assay (Based on references)
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Application Note: Fetal Bovine Sera sourced from the United States is collected exclusively from USDA licensed abattoirs from within the United States. Raw material is processed through 0.1 μm (100nm) filters in compliance with regulatory guidelines. Animals are inspected pre-mortem and post-mortem by USDA veterinarians as free of any infectious diseases. Serum is maintained between 4-6°F after collection through sterile filling to ensure exceptional performance.

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

Other: DOE: APR 2030

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 X neat

Sterility: Sterile

Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store container at -20° C or colder prior to opening. Avoid cycles of freezing and thawing. Use standard sterile procedures when handling this product to maintain sterility. Turbidity or flocculent debris may develop upon thawing or storage. This does not adversely affect the performance characteristics of the serum.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Bottle
Fetal Bovine Serum

References

- Stefanov BA et al. Eukaryotic release factor 1 from Euplotes promotes frameshifting at premature stop codons in human cells. *iScience*. (2024)
- von Beck T et al. A wild boar cathelicidin peptide derivative inhibits severe acute respiratory syndrome coronavirus-2 and its drifted variants. *Sci Rep*. (2023)

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.