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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)

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

- Roy A et al. N-glycosylation enzyme Mpi is essential for mucin O-glycosylation, host-microbe homeostasis, Paneth cell defense, and metabolism. *Res Sq [Preprint].* (2025)
- Berthold A et al. Changes in the Transcriptome and Long Non-Coding RNAs but Not the Methylome Occur in Human Cells Exposed to Borrelia burgdorferi. *Genes (Basel).* (2024)
- 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

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