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Datasheet for FBS-01-0500

Fetal Bovine Serum, Certified, Heat Inactivated

Overview

Description:	Fetal Bovine Serum, Certified, Heat Inactivated, Origin: United States triple 0.1 micron filtered - FBS-01-0500
Item No.:	FBS-01-0500
Size:	500 mL
Applications:	Other
Origin:	Bovine

Product Details

Background:	This product is certified to originate in the United States as heat inactivated, performance, mycoplasma, virus, bacteriophage and endotoxin tested.
Synonyms:	FBS, Fetal Bovine Serum, Foetal 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: Pass Virus: Negative as tested

Application Details

Suggested Applications:	Other (Based on references)

Application Note:	Heat inactivated fetal bovine serum is for in vitro diagnostic use, not for human or animal therapeutic use. Uses other than the labeled intended use may be a violation of local law. Certified Fetal Bovine Sera meets USDA requirements for abattoir-sourced animals, traceability and country of origin. ABBATOIR-SOURCED ANIMALS: All fetal blood is collected from fetuses derived from healthy dams that have passed pre and post mortem certified veterinary inspection. TRACEABILITY: All Fetal Bovine Sera is traceable by date and location of collection. COUNTRY OF ORIGIN: Fetal Bovine Serum collected and processed in the United States is from USDA approved and inspected slaughter establishments. The United States is recognized by the USDA as being free of foot and mouth disease, rinderpest and bovine spongiform encephalopathy.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	DOE: JUL2029

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, Certified, Heat Inactivated

References

- Walsh AE et al. Alzheimer's genetic risk factor CASS4 controls microglial focal adhesion biology and amyloidosis. *J Exp Med.* (2026)
- Hough A et al. Barbamide Displays Affinity for Membrane-Bound Receptors and Impacts Store-Operated Calcium Entry in Mouse Sensory Neurons. *Mar Drugs.* (2023)
- Banerjee A et al. Validation of Induced Microglia-Like Cells (iMG Cells) for Future Studies of Brain Diseases. *Frontiers in Cellular Neuroscience* (2021)
- Sellgren CM et al. Increased synapse elimination by microglia in schizophrenia patient-derived models of synaptic pruning. *Nature Neuroscience* (2019)
- Sellgren, C M et al. Patient-specific models of microglia-mediated engulfment of synapses and neural progenitors. *Molecular Psychiatry* (2017)
- Reinecke JB et al. Implicating calpain in tau-mediated toxicity in vivo. *PloS One* (2011)

Disclaimer

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