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Datasheet for D104-10-0500

Goat Serum (sterile) (Heat Inactivated)

Overview

Description:	Goat Serum (Sterile) (Heat Inactivated) - D104-10-0500
Item No.:	D104-10-0500
Size:	500 mL
Origin:	Goat

Product Details

Background:	Goat serum is used as a supplement to cell culture media. Goat 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.
Synonyms:	Goat serum for cell culture, cell culture grade goat serum, sterile serum from goat.
Species of Origin:	Goat

Target Details

Purity/Specificity:	Sterile Goat Serum - Heat Inactivated was prepared by removal of fibrinogen through clot formation. Goat Serum was separated from cellular components and purified through centrifugation and filtration techniques. Assay by immunoelectrophoresis resulted in multiple precipitin arcs against anti-Goat Serum. Goat 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. Performance: Heat Inactivation Pass.
Relevant Links:	• D104-10 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:	Goat - Mixed

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	101mg/ml by Refractometry
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

- Dobner S et al. Uncovering the transcriptional hallmarks of endothelial cell aging via integrated single-cell analysis. *Nat Aging.* (2026)

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