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Datasheet for D110-00-0500

Rat Serum Sterile

Overview

Description:	Rat Serum (Sterile) - D110-00-0500
Item No.:	D110-00-0500
Size:	500 mL
Applications:	Other
Origin:	Rat

Product Details

Background:	Rat Serum is used as a supplement to cell culture media. Rat Serum is also suitable for use as a component of bioassays, immunoassays or enzyme assays. Rat 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. Rat Serum is ideal for investigators in Cancer, Immunology, and Cell Biology research.
Synonyms:	Rat serum for cell culture, cell culture grade Rat serum, sterile serum from Rat
Species of Origin:	Rat

Target Details

Relevant Links:

- Rat Serum SDS

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:	Rat - Mixed

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	83mg.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

- Lin, JY et al. High Tidal Volume Induces Mitochondria Damage and Releases Mitochondrial DNA to Aggravate the Ventilator-Induced Lung Injury. *Frontiers in Immunology* (2018)
- Ejzemberg R et al. Hemolytic efficiency of cell-bound IgM: evidence that IgM-C1 complexes activate C4 molecules not hemolytic with homologous C2--C9. *J Immunol.* (1982)

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