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Datasheet for R109-0050

Rabbit Blood Defibrinated

Overview

Description:	Rabbit Blood Defibrinated - R109-0050
Item No.:	R109-0050
Size:	50 mL
Applications:	Other
Origin:	Rabbit

Product Details

Background:	Defibrinated rabbit blood is aseptically collected and prepared to order from our colony of animals. Fibrin is mechanically removed during the clotting process without the presence of anticoagulants or other additives. Defibrinated rabbit blood is ideal for blood agar plate preparations. Blood Agar is a general purpose enriched medium often used to grow fastidious organisms and to differentiate bacteria based on their hemolytic properties. Defibrinated rabbit blood is perishable and is collected and processed upon receipt of your order.
Synonyms:	Sterile Rabbit Blood Defibrinated
Species of Origin:	Rabbit

Target Details

Relevant Links:

- R109 SDS

Application Details

Suggested Applications:	Other (Based on references)
Application Note:	Blood agar plate preparations
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Tissue Data

Tissue Type:	Blood
Sex:	Mixed
Strain:	Rabbit - New Zealand White

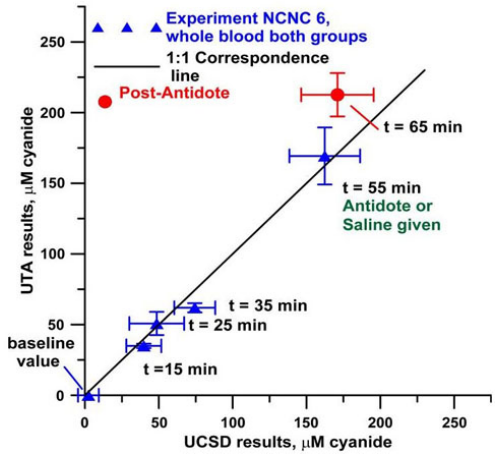
Formulation

Physical State:	Liquid
Buffer:	None
Anticoagulant:	Defibrinated
Sterility:	Sterile
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store defibrinated rabbit blood at 4° C prior to opening. Use aseptic technique to maintain sterility when opening product. Be advised that blood is a perishable product and exact shelf may depend on application.
Expiration:	This product MAY be stable for up to two (2) weeks if properly stored and handled.

Images



ELISA
Comparison of blood cyanide concentrations measured at UCSD and UTA by two different methods. Experimental rabbit at UCI was infused with 0.33 mg/min cyanide and samples taken at different times. Defibrinated rabbit blood (p/n R109-0100). Figure 4. PMID: 23473259.

References

- DeRidder LB et al. Closed-loop automated drug infusion regulator: A clinically translatable, closed-loop drug delivery system for personalized drug dosing. *Med.* (2024)
- Singh N, Wang C, Cooper R. Potential of Essential Oil-Based Pesticides and Detergents for Bed Bug Control. *J Econ Entomol.* (2014)
- Tian Y et al. A disposable blood cyanide sensor. *Anal Chim Acta.* (2013)

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