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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for R111-0050

Sheep Blood Defibrinated

Overview

Description:	Sheep Blood Defibrinated - R111-0050
Item No.:	R111-0050
Size:	50 mL
Origin:	Sheep

Product Details

Background:	Defibrinated sheep 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.
Synonyms:	Sterile Sheep Blood Defibrinated
Species of Origin:	Sheep

Target Details

Purity/Specificity:	Defibrinated sheep 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 sheep blood is perishable and is collected and processed upon receipt of your order.
Relevant Links:	• R111-0050 SDS

Application Details

Application Note:	Sterile Sheep Blood Defibrinated is ideal for Mueller-Hinton agar preparations as well as other 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:	Sheep - Mixed

Formulation

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

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store defibrinated sheep 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 four (4) weeks if properly stored and handled.

References

- Mayer SF et al. Lumen charge governs gated ion transport in β-barrel nanopores. *Nat Nanotechnol.* (2026)
- Persinger RD et al. North American Culex pipiens mosquitoes are competent for Usutu virus transmission. *Npj Viruses.* (2026)
- Young Lee G et al. Single missense mutations in Vi capsule synthesis genes confer hypervirulence to Salmonella Typhi. *Nat Commun.* (2024)

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.