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Datasheet for R309-0050

Rabbit Blood In Alsevers

Overview

Description:	Rabbit Blood in Alsevers - R309-0050
Item No.:	R309-0050
Size:	50 mL
Applications:	Biochemical Assay
Origin:	Rabbit

Product Details

Background:	Rabbit whole blood is aseptically collected and prepared to order from our colony of animals. These cell suspensions are useful for the titration of complement, adsorption procedures, testing for agglutinins/HA assays, and for the preparation of stroma as particulate reagents. Rabbit red blood cells are perishable and are collected and processed upon receipt of your order.
Synonyms:	Rabbit Whole Blood in Alsevers, Rabbit RBCs, Rabbit Alsevers Red Blood Cells
Species of Origin:	Rabbit

Application Details

Suggested Applications:	Biochemical Assay (Based on references)
Application Note:	Washed pooled cells preparations, complement titration, adsorption procedures, HA assays and for the preparation of stroma as particulate reagents.
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

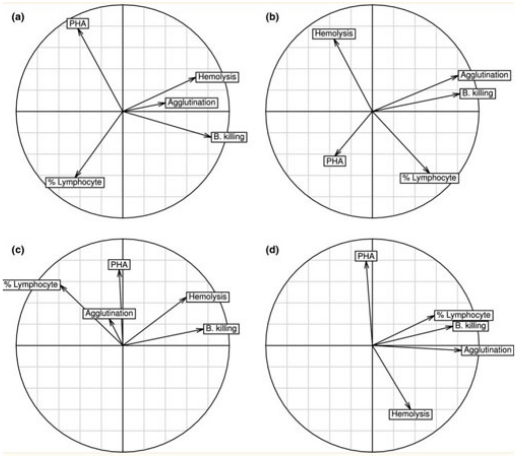
Formulation

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

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store rabbit whole 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 life may depend on application.
Expiration:	This product MAY be stable for up to two (2) weeks if properly stored and handled.

Images



Agglutination
Correlation circles representing the association between immune measurements for each farmland-year sub-group of tree swallow nestlings studied in southern Québec, Canada, 2010–2011. (a) Intensive 2010: n = 38, 57.25% of variance explained by both PCs; (b) Intensive 2011, n = 27, 59.77%; (c) Extensive 2010, n = 90, 48.37%; (d) Extensive 2011, n = 55, 57.01%. Immune measures included the response to PHA (PHA), the bacteria killing capacity (B. killing), the hemolysis and hemagglutination scores and the percentage of lymphocytes. The horizontal and vertical axes represent PC1 and PC2 of a principal component analysis applied to each farmland-year sub-group. The lengths of the vectors indicate the strengths of the relationships. The size of the angle between vectors indicates the direction of the correlation: a small angle between two vectors represents a positive correlation; a 90° angle indicates no correlation and opposed vectors indicates a negative correlation. rabbit red blood cell solution (p/n R309-0050). Figure 2. PMID: 23610646.

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References

- Pigeon, G et al. Ecological immunology in a fluctuating environment: an integrative analysis of tree swallow nestling immune defense. *Ecology and Evolution* (2013)

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.