

Datasheet for R102-0100**Chicken Blood Defibrinated****Overview**

Description:	Chicken Blood Defibrinated - R102-0100
Item No.:	R102-0100
Size:	100 mL
Applications:	Biochemical Assay
Origin:	Chicken

Product Details

Background:	Defibrinated chicken 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 chicken 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 chicken blood is perishable and is collected and processed upon receipt of your order.
Synonyms:	Sterile Chicken Blood Defibrinated
Species of Origin:	Chicken

Application Details

Suggested Applications:	Biochemical Assay (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:	Chicken - Mixed

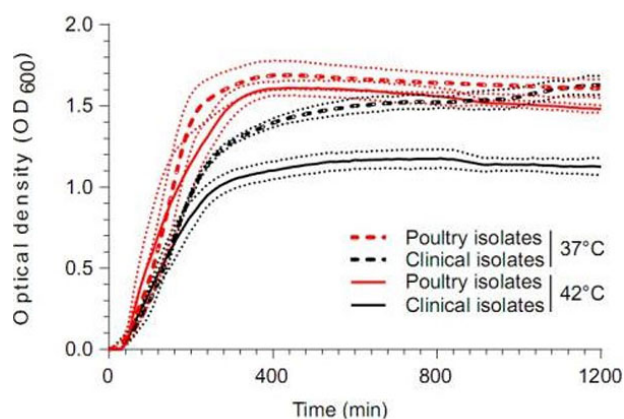
Formulation

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

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store defibrinated chicken 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

Growth of *S. aureus* isolates from poultry (red) and human (black) in TSB medium. Curves represent growth levels in vitro (OD600) over a period of 20 h at 37 °C (dashed lines) and 42 °C (solid lines) in medium. Mean growth levels and standard deviation (dotted lines) was calculated for 12 poultry and four human clinical samples. Defibrinated chicken blood (p/n R102-0100). Fig. 5. PMID: 28338786.

References

- Persinger RD et al. North American *Culex pipiens* mosquitoes are competent for Usutu virus transmission. *Npj Viruses*. (2026)
- Murray, S et al. Recombination-Mediated Host Adaptation by Avian *Staphylococcus aureus*. *Genome Biology and Evolution* (2017)

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.