

**Datasheet for R102-0050****Chicken Blood Defibrinated****Overview**

|                      |                                        |
|----------------------|----------------------------------------|
| <b>Description:</b>  | Chicken Blood Defibrinated - R102-0050 |
| <b>Item No.:</b>     | R102-0050                              |
| <b>Size:</b>         | 50 mL                                  |
| <b>Applications:</b> | Biochemical Assay                      |
| <b>Origin:</b>       | Chicken                                |

**Product Details**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background:</b>        | 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. |
| <b>Synonyms:</b>          | Sterile Chicken Blood Defibrinated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species of Origin:</b> | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Application Details**

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

**Tissue Data**

|                     |                 |
|---------------------|-----------------|
| <b>Tissue Type:</b> | Blood           |
| <b>Sex:</b>         | Mixed           |
| <b>Strain:</b>      | Chicken - Mixed |

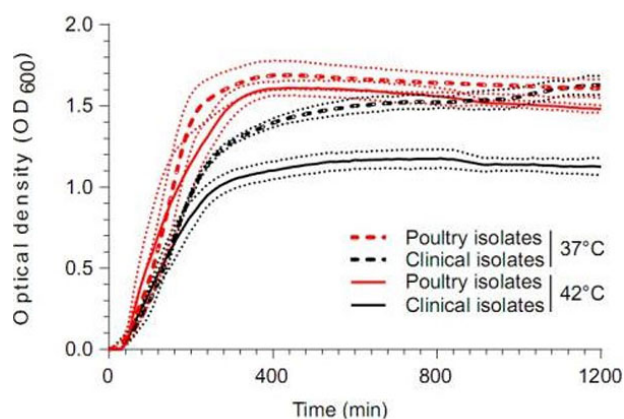
## Formulation

|                 |              |
|-----------------|--------------|
| 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

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