

**Datasheet for D108-00-0050****Mouse Serum (sterile)****Overview**

|                      |                                      |
|----------------------|--------------------------------------|
| <b>Description:</b>  | Mouse Serum (Sterile) - D108-00-0050 |
| <b>Item No.:</b>     | D108-00-0050                         |
| <b>Size:</b>         | 50 mL                                |
| <b>Applications:</b> | Other                                |
| <b>Origin:</b>       | Mouse                                |

**Product Details**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background:</b>        | Mouse Serum is used as a supplement to cell culture media. Mouse Serum is also suitable for use as a component of bioassays, immunoassays or enzyme assays. Mouse Serum provides a broad spectrum of macromolecules, carrier proteins for lipoid substances and trace elements, attachment and spreading factors, low molecular weight nutrients, and hormones and growth factors that promote cell growth and health. Be certain to maintain Good Cell Culture Practice, and maintain sterility of cultures that require media supplementation. Mouse Serum is ideal for investigators in Cancer, Immunology, and Cell Biology research. |
| <b>Synonyms:</b>          | Mouse serum for cell culture, cell culture grade mouse serum, sterile serum from mouse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species of Origin:</b> | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Target Details**

|                        |                                                                             |
|------------------------|-----------------------------------------------------------------------------|
| <b>Relevant Links:</b> | <ul style="list-style-type: none"><li><a href="#">D108-00 SDS</a></li></ul> |
|------------------------|-----------------------------------------------------------------------------|

**Application Details**

|                                |                             |
|--------------------------------|-----------------------------|
| <b>Suggested Applications:</b> | Other (Based on references) |
|--------------------------------|-----------------------------|

|                          |                               |
|--------------------------|-------------------------------|
| <b>Application Note:</b> | pH: normal                    |
|                          | Immunoelectrophoresis: normal |
|                          | Hemoglobin: normal            |
|                          | IgG Concentration: normal     |

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| <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> | Serum         |
| <b>Sex:</b>         | Mixed         |
| <b>Strain:</b>      | Mouse - Mixed |

## Formulation

|                        |                           |
|------------------------|---------------------------|
| <b>Physical State:</b> | Liquid (sterile filtered) |
| <b>Concentration:</b>  | 85mg/ml by Refractometry  |
| <b>Buffer:</b>         | None                      |
| <b>Sterility:</b>      | Sterile                   |
| <b>Preservative:</b>   | None                      |
| <b>Stabilizer:</b>     | None                      |

## Shipping & Handling

|                            |                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Dry Ice                                                                                                                                             |
| <b>Storage Condition:</b>  | Store container at -20° C prior to opening. Avoid cycles of freezing and thawing. Use aseptic technique to maintain sterility when opening product. |
| <b>Expiration:</b>         | Expiration date is one (1) year from date of receipt.                                                                                               |

## Images



### **Bottle**

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## **References**

- Ghosh AR et al. Rapidly acquired HIV-1 neutralization breadth in a rhesus V2 apex knockin mouse model after a single bolus immunization. *Sci Immunol.* (2026)
- Ghosh AR et al. Rapid acquisition of HIV-1 neutralization breadth in a rhesus V2 apex germline antibody mouse model after a single bolus immunization. *bioRxiv [preprint]* (2025)
- Gaupp S et al. Experimental autoimmune encephalomyelitis (EAE) in CCR2<sup>-/-</sup> mice: susceptibility in multiple strains. *Am J Pathol.* (2003)

## **Disclaimer**

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