

**Datasheet for C302-0010****Rabbit "A" (Nesting) Complement (Fresh Frozen)****Overview**

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| <b>Description:</b>  | Rabbit "A" (Nesting) Complement (Fresh Frozen) - C302-0010 |
| <b>Item No.:</b>     | C302-0010                                                  |
| <b>Size:</b>         | 10 mL                                                      |
| <b>Applications:</b> | Cellular Assay                                             |
| <b>Origin:</b>       | Rabbit                                                     |

**Product Details**

|                           |                                                                                                                                                                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms:</b>          | Baby rabbit complement, complement system, tissue macrophages, blood monocytes, protease C3-convertase, mannose-binding lectin pathway, cascade cleavage and activation events, recruit inflammatory cells, anaphylatoxin, Serum Bactericidal Assay (SBA), Multiplex opsonophagocytosis assay (MOPA), cytotoxicity and cell depletion assay |
| <b>Species of Origin:</b> | Rabbit                                                                                                                                                                                                                                                                                                                                      |

**Application Details**

|                                |                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suggested Applications:</b> | Cellular Assay (Based on references)                                                                                                            |
| <b>Application Note:</b>       | pH: normal<br><br>Immunoelectrophoresis: normal<br><br>Hemoglobin: normal<br><br>IgG Concentration: normal<br><br>Immunoelectrophoresis: 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> | Complement                 |
| <b>Sex:</b>         | Mixed                      |
| <b>Strain:</b>      | Rabbit - New Zealand White |

## Formulation

|                        |                           |
|------------------------|---------------------------|
| <b>Physical State:</b> | Fresh Frozen              |
| <b>Concentration:</b>  | 85 mg/mL by Refractometry |
| <b>Buffer:</b>         | None                      |
| <b>Sterility:</b>      | Non-sterile               |
| <b>Preservative:</b>   | None                      |
| <b>Stabilizer:</b>     | None                      |

## Shipping & Handling

|                            |                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Dry Ice                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Condition:</b>  | Store vial at -70° C prior to opening. Aliquot contents and freeze at -70° C or below. Use aseptic technique to maintain sterility when opening product. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. COMPLEMENT IS A TEMPERATURE SENSITIVE PRODUCT. IMPROPER STORAGE WILL INACTIVATE COMPLEMENT ACTIVITY. |
| <b>Expiration:</b>         | Expiration date is one (1) year from date of receipt.                                                                                                                                                                                                                                                                                                                              |

## References

- Rivera AGM et al. Characterization of a Novel Cell Wall-Associated Nucleotidase of *Enterococcus faecalis* that Degrades Extracellular c-di-AMP. *bioRxiv [preprint]* (2025)

## Disclaimer

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