

Datasheet for C305-0050**Rat Complement (Fresh Frozen)****Overview**

Description:	Rat Complement (Fresh Frozen) - C305-0050
Item No.:	C305-0050
Size:	50 mL
Applications:	Other
Origin:	Rat

Product Details

Synonyms:	Complement system, tissue macrophages, blood monocytes, protease C3-convertase, mannose-binding lectin pathway, C3, C3a, C3b, C5a, C5b, C6, C7, C8, and polymeric C9, cascade cleavage and activation events, recruit inflammatory cells, anaphylatoxin
Species of Origin:	Rat

Application Details

Suggested Applications:	Other (Based on references)
Application Note:	pH: normal Immunoelectrophoresis: normal Hemoglobin: normal IgG Concentration: normal Immunoelectrophoresis: normal
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Tissue Data

Tissue Type:	Complement
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Sex: Mixed

Strain: Rat - Mixed

Formulation

Physical State: Fresh Frozen

Concentration: 85 mg/mL by Refractometry

Sterility: Non-sterile

Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: 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.**

Expiration: Expiration date is one (1) year from date of receipt.

References

- Edens RE et al. Heparin and derivatized heparin inhibit zymosan and cobra venom factor activation of complement in serum. *Immunopharmacology*. (1994)

Disclaimer

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