

Datasheet for C304-0050**Rabbit "C" (5-6 Lbs.) Complement (Fresh Frozen)****Overview**

Description:	Rabbit "C" (5-6 lbs.) Complement (Fresh Frozen) - C304-0050
Item No.:	C304-0050
Size:	50 mL
Origin:	Rabbit

Product Details

Background:	Special processing techniques are used to yield products with high complement activity and low background cytotoxicity. Rabbit "C" Complement is suitable for CFT and SRH.
Synonyms:	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
Species of Origin:	Rabbit

Target Details

Purity/Specificity:	Rabbit "C" (5-6 lbs.) Complement was prepared by removal of fibrinogen through clot formation under proper temperature conditions. Rabbit "C" Complement was then purified through temperature-controlled centrifugation and filtration. Assay by immunoelectrophoresis resulted in multiple precipitin arcs against anti-Rabbit Serum.
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Application Details

Application Note:	pH: normal
	Immunoelectrophoresis: normal
	Hemoglobin: normal
	IgG Concentration: normal

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Tissue Data

Tissue Type:	Complement
Sex:	Mixed
Strain:	Rabbit - New Zealand White

Formulation

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

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

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

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