

CERTIFICATE OF ANALYSIS

Complement Technology, Inc.
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Product: **NRS**
Catalog # **NRS** Lot #
Exp. Date:

Description: Normal Rat Serum

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	40 – 80 mg/mL	56 mg/mL
FILL VOLUME	1.0 – 1.2 mL	1.1 mL
PRESERVATIVE	None, filtered through a 0.22 µm pore size filter.	None, filtered through a 0.22 µm pore size filter.
FUNCTIONAL ACTIVITY	Titer: > 40 CH50 Units/ml* > 40 APH50 Units/ml**	189 Units/ml 53 Units/ml

* One CH50 unit is defined as the input of Normal Rat Serum yielding 50% lysis of 1×10^8 EA when incubated for 60 minutes at 37 °C in a total reaction volume of 1.5 mL GVB⁺⁺.

** One unit of whole alternative pathway activity (APH50) is defined as the input of Normal Rat Serum yielding 50% lysis of 1.5×10^7 rabbit erythrocytes (Er) when incubated for 30 minutes at 37°C in a total reaction volume of 100 µl GVB^o containing a final Mg-EGTA concentration of 5 mM.

STORE AT -70°C or BELOW.
Thaw quickly at 37°C, mix, and put in an ice+water bath to cool.
Avoid Repeated Freeze/Thaw

FOR RESEARCH USE ONLY
NOT FOR HUMAN OR DRUG USE

Signature of Analyst

Date of Analysis