

CERTIFICATE OF ANALYSIS

Complement Technology, Inc.
4801 Troup Hwy, Suite 701
Tyler, Texas 75703, USA

Product: **GPS**
Catalog # **GPS Lot #**
Exp. Date:

Description: Normal Guinea Pig Serum

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	≥ 30 mg/mL.employing an extinction coefficient of $E^{1\%}_{280\text{nm}} = 10$	40 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: > 200 CH50 Units/ml* > 40 APH50 Units/ml**	1250 Units/ml 107 Units/ml

* One CH50 unit is defined as the input of Normal Guinea Pig 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 Guinea Pig 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