

CERTIFICATE OF ANALYSIS

Complement Technology, Inc.
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Product: **Anti-C2**
Catalog # **A212** Lot #
Exp. Date:

Description: Goat Anti-Human C2

| <u>Specifications</u> | <u>Limits</u> | <u>Results</u> |
|------------------------------|---|-----------------------|
| PROTEIN CONCENTRATION | > 40 mg/mL using an extinction coefficient of E1%/280 nm = 10 | 59 mg/mL |
| FILL VOLUME | 1.0 – 1.2 mL | 1.05 mL |
| PHYSICAL APPEARANCE | Clear, straw colored | Conforms |
| PRESERVATIVE | 0.09% sodium azide | Conforms |
| DELIPIDATION | Optional | Not delipidated |
| IMMUNODIFFUSION TITER | Against normal human serum, a clear precipitin line forms at a dilution \geq neat | Dilution = 1:4 |
| RADIAL IMMUNODIFFUSION TITER | \leq 4% (Vol/Vol) anti-C2 in agarose results, after staining, in clear precipitin rings with Neat, 1:2, and 1:4 dilutions of NHS (3mm wells, 20ul sample) | 2.5% |
| SPECIFICITY | Monospecific for C2 when present in normal human serum or plasma. | Conforms |
| IDENTITY | Forms a precipitin line of identity in Ouchterlony with competitor's antisera when tested against NHS. | Conforms |

**Short term storage (<30 days) at 4°C.
Longer term storage at \leq -20°C.**

Avoid Repeated Freeze/Thaw

**FOR RESEARCH USE ONLY
NOT FOR HUMAN OR DRUG USE**

Signature of Analyst

Date of Analysis