

# CERTIFICATE OF ANALYSIS

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

Product: **iC3b**  
Catalog # **A115** Lot #  
Exp. Date:

Description: Purified Human Complement Protein iC3b

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	1.0 – 1.2 mg/mL. iC3b has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 10.3$	1.07 mg/ml
FILL VOLUME	0.25 -0.275 mL	0.260 mL
BUFFER	Phosphate buffered saline, pH 7.2	Phosphate buffered saline, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 $\mu\text{m}$ pore size filter.	None, filtered through a 0.22 $\mu\text{m}$ pore size filter.
PURITY	> 90%	$\geq$ 95% by SDS-PAGE
IMMUNOCHEMISTRY (DILUTION OUCHTERLONIES)	$\leq$ trace amounts of IgG, IgA, IgM, C5, Factor H, or Factor I	Conforms
HUMAN SERUM/PLASMA STARTING MATERIAL		
HBsAg 3.0	Negative	Negative
Anti-HIV 1 and 2 Plus O	Negative	Negative
Anti-HCV 3.0	Negative	Negative
HIV-1/HCV/HBV by NAT	Negative	Negative
West Nile Virus (WNV) by NAT	Negative	Negative
Anti-Syphilis	Negative	Negative

**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**

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Signature of Analyst

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Date of Analysis