

CERTIFICATE OF ANALYSIS

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

Product: **Cyno Monkey C3b**
Catalog # **CY114 Lot #**
Exp. Date:

Description: C3b Purified Cynomolgus Monkey Complement Protein

<u>Specifications</u>	<u>Limits</u>	<u>Results</u>
PROTEIN CONCENTRATION	0.95 – 1.2 mg/mL. C3b has an extinction coefficient of $E^{1\%}_{280\text{nm}} = 9.74^*$	1.04 mg/ml
FILL VOLUME	0.100 – 0.110 mL	0.110 mL
BUFFER	Phosphate, buffered Saline, pH 7.2	Phosphate, buffered saline, pH 7.2
PRESERVATIVE	None, filtered through a 0.22 μm pore size filter.	None, filtered through a 0.22 μm pore size filter.
PURITY	> 90%	\geq 95% by SDS-PAGE
IMMUNOCHEMISTRY (DILUTION OUCHTERLONIES)	\leq trace amounts of IgG, IgA, IgM, albumin, C5, Factor B, Factor H, or Factor I	Conforms
STARTING MATERIAL	Cynomolgus monkey serum from healthy animals of mixed sex	Conforms

* Extinction coefficient is calculated from the amino acid sequence of cynomolgus monkey C3 using ProtParam and assumes all pairs of Cys residues form cystines.

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

THIS IS A GENERIC REPRESENTATION



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Cat# CY114, Purified *Cynomolgus* monkey Complement Protein C3b

SDS-PAGE Gel Information

NuPAGE 4-12 % Bis-Tris Gel from Invitrogen

1 mm thick gel

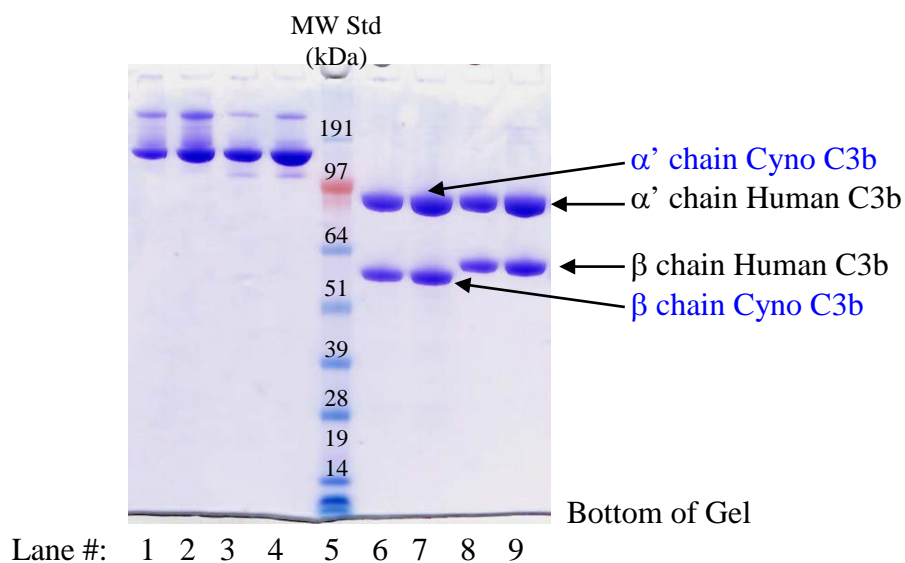
MOPS running buffer

Sample size = 12ul/lane

200 Volts constant for 50 min

Stained with Coomassie Brilliant Blue R-250

Run date:



Lane #1: 2.06 μ g Human C3b

Lane #2: 4.12 μ g Human C3b

Lane #3: 2.08 μ g Cyno C3b

Lane #4: 4.16 μ g Cyno C3b

Lane #5: See Blue Plus 2 prestained standard

Lane #6: 3.12 μ g Cyno C3b + DTT

Lane #7: 5.20 μ g Cyno C3b + DTT

Lane #8: 3.09 μ g Human C3b + DTT

Lane #9: 5.15 μ g Human C3b + DTT

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