

Complement Study Test Menu

	Humans	NHP	Method	Matrix	Minimum Volume
Total Complement Function					
Classical Pathway – CH50	•	•	Hemolytic	Serum	0.25 mL
Alternative Pathway – AH50	•	•	Hemolytic	Serum	0.25 mL
Pathway Component Function and Levels					
C1-Inhibitor Function, Chromogenic Assay	•		Function Chromogenic	Serum	0.25 mL
C1-Esterase Inhibitor Level	•		Turbidimetry	Serum	0.6 mL
C3 Levels	•	•	Turbidimetry	Serum	0.6 mL
C4 Levels	•	•	Turbidimetry	Serum	0.6 mL
Factor D Level	•		ELISA	Plasma	0.25 mL
Markers of Complement Activation					
Bb	•	•	ELISA	Plasma	0.25 mL
C3a	•	•	ELISA	Plasma	0.25 mL
C4a	•	•	ELISA	Plasma	0.25 mL
C5a	•	•	ELISA/RIA	Plasma	0.25 mL
sC5b-9	•	•	ELISA	Plasma	0.25 mL
sC5b-9	•	•	ELISA	Urine	0.6 mL
Multiplex of Complement Activation					
Bb, C3a, C5a	•		Quidel Multiplex	Plasma	0.25 mL
Autoantibodies					
Auto-antibodies to C1-Inhibitor	•		ELISA	Serum	0.25 mL
Auto-antibodies to C1q	•		ELISA	Serum	0.25 mL
Auto-antibodies to Factor H	•		ELISA	Serum	0.25 mL
C3-Nephritic Factor	•		Electrophoresis	Serum	0.25 mL
Inflammatory Cytokines					
IL-2, IL4, IL-5, IL-6, IL-10, IL-12(p70), IFN- γ , TNF- α .	•		Luminex	Plasma	0.25 mL
Circulating Immune Complexes					
CIC-C1q	•		ELISA	Plasma	0.25 mL
CIC-C3d (Raji)	•		ELISA	Plasma	0.25 mL
In Vitro Complement Activation Studies					
Custom Assays Available	•	•	ELISA/Hemolytic	Serum	0.25 mL

Dependent on Reagent Availability