

Complement Study Test Menu

	Humans	NHP	Method	Matrix	Recommended Vol.
Total Complement Function					
Classical Pathway – CH50	●	●	Hemolytic	Serum	1 mL
Alternative Pathway – AH50	●	●	Hemolytic	Serum	1 mL
Pathway Component Function and Levels					
C1-Inhibitor Function, Chromogenic Assay	●		Function Chromogenic	Serum	1 mL
C1-Esterase Inhibitor Level	●		Turbidimetry	Serum	1 mL
C3 Levels	●	●	Turbidimetry	Serum	1 mL
C4 Levels	●	●	Turbidimetry	Serum	1 mL
Factor D Level	●		ELISA	Plasma	1 mL
Markers of Complement Activation					
Bb	●	●	ELISA	Plasma	1 mL
C3a	●	●	ELISA	Plasma	1 mL
C4a	●	●	ELISA	Plasma	1 mL
C5a	●	●	ELISA/RIA	Plasma	1 mL
sC5b-9	●	●	ELISA	Plasma	1 mL
Autoantibodies					
Auto-antibodies to C1-Inhibitor	●		ELISA	Serum	1 mL
Auto-antibodies to C1q	●		ELISA	Serum	1 mL
Auto-antibodies to Factor H	●		ELISA	Serum	1 mL
C3-Nephritic Factor	●		Electrophoresis	Serum	1 mL
Inflammatory Cytokines					
IL-2, IL4, IL-5, IL-6, IL-10, IL-12(p70), IFN- γ , TNF- α .	●		Luminex	Plasma	1 mL
Circulating Immune Complexes					
CIC-C1q	●		ELISA	Plasma	1mL
CIC-C3d (Raji)	●		ELISA	Plasma	1mL
In Vitro Complement Activation Studies					
Custom Assays Available	●	●	ELISA/Hemolytic	Serum	1 mL