

C4 COMPLEMENT, SERUM (Immunoturbidimetry)	mg/dL	(10.00-40.00)
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Comments

Complement C4 deficiency results in the inability of Immune complexes to activate the complement pathway. This results in inability to generate peptides that clear the immune complexes or generate lytic activity. Hence these patients have increased susceptibility to infections especially with encapsulated microorganisms. C4 deficiency may be an etiologic factor in the development of autoimmune disease.

Increased Levels – Acute phase reaction due to inflammation, trauma & tissue necrosis.

Decreased Levels – Infancy, Genetic deficiency & Acquired deficiency as in SLE, Angioedema, Autoimmune hemolytic anemia and Autoimmune nephritis