

**C3 & C4 COMPLEMENT  
PANEL, SERUM**  
(Immunoturbidimetry)

<b>C3 Complement</b>	mg/dL	( 90.00-180.00)
<b>C4 Complement</b>	mg/dL	( 10.00-40.00)

**Comments**

Complement proteins are components of innate immune system that activate the pathways thereby generating peptides which are necessary to clear immune complexes and generate lytic activity. C3 & C4 complement deficiencies show increased susceptibilities to infections and may play a role as an etiologic agent in the development of Autoimmune disease.

**Increased Levels** – Acute phase response due to inflammation, trauma & tissue necrosis, Biliary obstruction & Focal glomerulosclerosis

**Decreased Levels** – Infancy, Genetic deficiency, Acquired deficiency like Lupus nephritis, Collagen vascular diseases, severe infections, SLE, Angioedema, Autoimmune hemolytic anemia & Autoimmune nephritis