

Patient Name : Demo Patient Name
Age / Sex : 87 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 20-Jan-25 10:27
Patient ID : UHID.DEMO.001

C4 Complement Component

Serum Sample

Accession No: DEMO_BARCODE **Collected On:** 20-Jan-25 10:27 **Received On:** 20-Jan-25 13:53 **Approved On:** 20-Jan-25 14:58

Observation	Result	Unit	Biological Ref. Interval	Method
Complement C4	29.8	mg/dL	14.0-44.0	Immunoturbidimetric

Clinical Significance :

C4 is a component of the classic complement pathway. Depressed levels usually indicate classic pathway activation. Low C4 accompanies acute attacks of hereditary angioedema (HAE), and C4 is used as a first-line test for the disease. C1 esterase inhibitor levels are not indicated for the evaluation of hereditary HAE unless C4 is low.

- Increased in - various malignancies (not clinically useful).
- Decreased by
 - decreased synthesis (congenital deficiency),
 - increased catabolism (SLE, rheumatoid arthritis, proliferative glomerulonephritis, HAE)
 - increased loss (burns, protein-losing enteropathies).

Sample Type: Serum

Technology: VITROS MicroTip, MicroSensor & Intellitect

Analyzer: Fully Automated Biochemistry and Immunology Analyzer : VITROS 5600

Advise: Please correlate results with clinical conditions



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

