

Patient Name : Demo Patient Name
Age / Sex : 52 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 11:03
Patient ID : UHID.DEMO.001

Angiotensin Converting Enzyme

Serum Sample

Accession No: DEMO_BARCODE Collected On: 21-Jan-25 11:03 Received On: 21-Jan-25 18:51 Approved On: 21-Jan-25 19:19

Observation	Result	Unit	Biological Ref. Interval	Method
Angiotensin Converting Enzyme	32.18	U/L	12.0-68.0	FAPGG Substrate Two-Point

Clinical Significance of Angiotensin Converting Enzyme (ACE):

- Angiotensin converting Enzyme (ACE) also known as kinase II, is present in many cells types such as neuronal cells, renal proximal tubular cells, and mostly in endothelial cells. It is attached to endothelial surface membrane by an anchor peptide and can be cleaved to be released into the blood circulation as soluble enzyme.
- Serum ACE activity is significantly elevated in patients with untreated active disease. It has been established as an important diagnostic parameter in Sarcoidosis. Spontaneous or induced remission of sarcoidosis has been seen, by decreasing serum ACE values. Elevated levels can also be encountered in histoplasmosis, alcoholic cirrhosis, idiopathic pulmonary fibrosis, Hodgkin's disease, hyperthyroidism, diabetes mellitus, gauchers disease, leprosy, chronic renal failure, silicosis, amyloidosis and tuberculosis. Measurement of ACE activity is therefore useful as an aid in the diagnosis and management of sarcoidosis.
- Elevated ACE is thought to be a risk factor for myocardial infarction & cardiomyopathy. ACE inhibitors have found wide spread application in treatment of systemic hypertension and Congestive Heart Failure (CHF). Monitoring of ACE may be beneficial to determine the optimum low dose of ACE inhibitor.

Notes on Angiotensin Converting Enzyme (ACE):

- Clinical reference ranges may be higher when age of patient is below 18. Please consult with your referring clinican for reference ranges.
- Test Performed using Q-Line Platinum ACE Kit

Remarks: 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.

