

Patient Name : Demo Patient Name
Age / Sex : 27 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 17-May-25 11:02
Patient ID : UHID.DEMO.001

ACTH

EDTA Whole Blood Sample

Accession No: DEMO_BARCODE **Collected On:** 17-May-25 11:02 **Received On:** 19-May-25 09:01 **Approved On:** 19-May-25 16:16

Observation	Result	Unit	Biological Ref. Interval	Method
ACTH	14.9	pg/mL	7.2-63.3	ECLIA

Clinical Significance: ACTH is a hormone produced in the pituitary and stimulates steroid production in adrenal cortex. Its secretion is controlled by the hypothalamic CRF and by negative feedback from cortisol. ACTH values are valuable in differential diagnosis of adrenal insufficiency/hypersecretion. In primary adrenal insufficiency, elevated levels are typical. Low levels are the rule when adrenal insufficiency is secondary to pituitary dysfunction. ACTH determination can also help to identify the cause of cortisol hypersecretion in Cushing's syndrome. ACTH levels are lowered when this is due to lesion or hyperplasia of adrenal cortex and high when it is due to ectopic ACTH production or pituitary hypersecretion.

Remarks: Please correlate results with clinical conditions and drug history.



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.

