

Patient Name	: Dummy	Bill Date	:
DOB/Age/Gender	:	Sample Collected	:
Patient ID / UHID	:	Sample Received	:
Referred By	: Dr.	Report Date	:
Sample Type	: EDTA Plasma	Report Status	: Final Report
Barcode No	:		

Test Description	Value(s)	Unit(s)	Reference Range
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## BIOCHEMISTRY REPORT

### Adrenocorticotrophic Hormone (ACTH)

ACTH, EDTA PLASMA Method : CLIA	11.62	pg/mL	7.2 - 63.60
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#### Interpretation:

#### Comment :

Adrenocorticotrophic hormone (ACTH) or corticotropin is a peptide hormone consisting of 39 amino acids. It is produced in the anterior pituitary of the brain as part of the precursor molecule proopiomelanocortin (POMC). Tissue-specific cleavage results in ACTH and a range of related peptides. ACTH stimulates formation and secretion of glucocorticoids (especially cortisol) by the adrenal cortex.

#### Note:

Since secretion of ACTH is both pulsatile and circadian in nature, it is recommended to draw ACTH samples between 7-10 a.m.

#### Clinical Use

- Diagnose disorders of the hypothalamic pituitary system
- Differentiate Cushing's syndrome from normal patients when ACTH levels are low

#### Increased levels

- Stress
- Addison's disease
- Pituitary Cushing's disease
- ACTH secreting tumor

#### Decreased levels

- Secondary adrenal insufficiency
- Adrenal adenoma
- Adrenal carcinoma

Booking Centre :- HOME COLLECTION - NOIDA - F10166, .

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

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