



# Immuno Diagnostics Pvt. Ltd.

Leading Immuno Assays Laboratory of Northern India

NABL ACCREDITED & ISO 9001:2015 CERTIFIED LABORATORY



Reference No.	: - 1912220315	Age/Gender	: 50 Yrs/Female
Pt's Name	: Mrs. AMARJIT KAUR		AMB-KOS
Referred By	: NA		
Sample Collection Date/Time	: 10-Dec-2019	Date	:10-Dec-2019
Sample Receiving Date/Time	: 10-Dec-2019 02:57AM	Approval Date	:10-Dec-2019 06:10AM
Sample From	: KOS DIAG LAB	Report Print Time	:22-Dec-2019 12:03AM

## Immunology

Test Description	Observed Value	Biological Reference Interval
<b>ACTH (Adrenocortico tropic Hormone)*</b>		
ACTH*	29.10	0-46 pg/mL
<u>Normal value</u>		
HEALTHY ADULT	10-46 pg/mL	
CORD BLOOD SERUM	50-570 pg/mL	
NEW BORN	10-185 pg/mL	

### Comments

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.

Laboratory is NABL Accredited

\*\*\* End Of Report \*\*\*



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All results should be co-related clinically; if results are alarming or unexpected, contact the laboratory immediately. Not valid for Medico-Legal. Result pertain to the specimen submitted. The Tests with an \* are not accredited by NABL.