



# Labsmart Software

## Sample Letterhead

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yourlabname@gmail.com

<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 27 YRS / M  
Referred by : Dr. Sachin Patil (MBBS)  
Reg. no. : 1065



1065

Registered on : 12/11/2024 04:55 PM  
Collected on : 12/11/2024  
Received on : 12/11/2024  
Reported on : 12/11/2024 04:55 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
DHEA	11	µg/dl	

**Physiologic Basis**

DHEA is a 19-carbon endogenous steroid hormone secreted by the adrenal glands. It is converted to DHEA-S in the adrenals, liver, and small intestine. DHEA-S is albumin-bound in the circulation, and there is no diurnal variation in DHEA-S levels. Levels of DHEA-S are about 300 × higher than DHEA and more stable. It serves as the precursor of androgens and estrogens.

**Interpretation**

Increased in: Adrenal hyperplasia, adrenal cancer, congenital adrenal hyperplasia, polycystic ovarian syndrome.  
Decreased in: Adrenal insufficiency, hypopituitarism, rheumatoid arthritis (females), insulin, and corticosteroids.

**Comments**

DHEA measurement is typically used along with other steroid and peptide hormones to evaluate adrenal function, to help diagnose adrenal cortex tumors, and polycystic ovarian syndrome (in females). Orally ingested DHEA is converted to DHEA-S when passing through intestines and liver. People taking DHEA supplements have elevated blood levels of DHEA-S. Use by athletes is prohibited by the World Anti-doping Agency.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.