



Labsmart Software

Sample Letterhead

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

Age / Sex : 27 YRS / M

Referred by : Dr. Sachin Patil (MBBS)

Reg. no. : 1042



1042

Registered on : 08/11/2024 12:22 PM

Collected on : 08/11/2024

Received on : 08/11/2024

Reported on : 08/11/2024 12:22 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
SERUM ALKALINE PHOSPHATASE	89	U/l	

Physiologic Basis:

Alkaline phosphatases are primarily found in liver, bone, intestines, kidney, and placenta. Test is used to detect liver disease and bone disorders.

Interpretation:

Increased in: Obstructive hepatobiliary disease, bone disease (physiologic bone growth, Paget disease, osteomalacia, osteogenic sarcoma, bone metastases), hyperparathyroidism, rickets, benign familial hyperphosphatasemia, pregnancy (third trimester), GI disease (perforated ulcer or bowel infarct), hepatotoxic drugs.

Decreased in: Hypophosphatasia.

Comment:

Alkaline phosphatase performs well in measuring the extent of bone metastases in prostate cancer. Alkaline phosphatase isoenzyme separation by electrophoresis or differential heat inactivation is unreliable. Use γ -glutamyl transpeptidase, which increases in hepatobiliary disease but not in bone disease, to infer the origin of increased alkaline phosphatase.

~~~ 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.