

LPL - LPL-ROHINI (NATIONAL REFERENCE
 LAB)
 SECTOR - 18, BLOCK -E ROHINI
 DELHI 110085

Name	: DUMMY--R121	Collected	: 2/4/2018 7:01:00AM
Lab No.	: LPLT12372	Age: 15 Years	Gender: Male
A/c Status	: P	Ref By : -----	Report Status :
		Received	: 3/4/2018 2:15:02PM
		Reported	: 3/4/2018 5:55:46PM

Test Name	Results	Units	Bio. Ref. Interval
ALKALINE PHOSPHATASE, BONE-SPECIFIC (BSAP) , SERUM (EIA)		U/L	Not Established

Interpretation

REFERENCE GROUP	AGE IN YEARS	REFERENCE RANGE IN U/L
Females	25-44	11.60-29.60
Females	>=45	14.20-42.70
Males	>=25	15.00-41.30

Comments

Bone specific Alkaline phosphatase (BSAP/ALP-B) is an osteoblast membrane bound enzyme whose concentration in bone is proportionate to collagen formation thereby providing an index of rate of bone formation. Osteoporosis is a metabolic bone disease characterized by abnormal bone remodeling leading to low bone mass and consequent increase in susceptibility to fractures. Osteoporosis is most commonly seen in postmenopausal women due to estrogen deficiency. Restoration of pre-menopausal estrogen level by replacement therapy prevents bone loss and osteoporosis. Other clinical conditions which can induce bone loss or bone remodeling imbalance are:

- Endocrine diseases like hypogonadism, hyperthyroidism, hyperparathyroidism and hypercortisolism
- Renal failure
- Metastatic cancers to bone
- Gastrointestinal diseases related to nutrition and mineral metabolism
- Connective tissue diseases
- Multiple myeloma
- Chronic immobilization
- Alcoholism & tobacco use
- Chronic therapy with heparin and corticosteroids



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MD (Biochemistry)
HOD Biochem & IA - NRL

Result/s to follow:

ALKALINE PHOSPHATASE, BONE-SPECIFIC (BSAP) , SERUM

IMPORTANT INSTRUCTIONS

*Test results released pertain to the specimen submitted.*All test results are dependent on the quality of the sample received by the Laboratory .
*Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician .*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.*Test results may show interlaboratory variations.*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*Test results are not valid for medico legal purposes. *Contact customer care Tel No. +91-11-39885050 for all queries related to test results.

