



آغا خان یونیورسٹی ہسپتال

The Aga Khan University Hospital

THE AGA KHAN UNIVERSITY HOSPITAL CLINICAL LABORATORIES

UPDATE BONE ALKALINE PHOSPHATASE

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INTRODUCTION:

Bone alkaline phosphatase (BAP) is the bone-specific isoform of alkaline phosphatase, found on the surface of osteoblasts. BAP reflects the biosynthetic activity of osteoblasts and is a sensitive and reliable indicator of bone metabolism.

Measurement of BAP is useful in diagnosis and assessment of severity of metabolic bone disease including Paget's disease, osteomalacia, osteoporosis, states of high bone turnover and in monitoring the response to antiresorptive therapy in osteoporosis treatment.

PRINCIPLE:

Liaison XL, direct two-site sandwich immunoassay.

REFERENCE RANGE:

Male	5.5-22.9 mg/L
Premenopausal Female	4.9-26.6 mg/L
Postmenopausal Female	5.2-24.4 mg/L

SPECIMEN COLLECTION:

For analysis 3-5 cc blood sample in Gel tube (yellow top) is required.
Grossly hemolyzed or lipemic samples will be rejected.

SCHEUDLE:

Test will be performed

Twice in a month (1 st & 3 rd Wednesday)	Next day
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PLEASE FILE FOR QUICK REFERENCE