

BONE ALKALINE PHOSPHATASE, S
#200106

NOTE: The testing and reporting is equivalent to Rochester test Bone Alkaline Phosphatase, Serum (82985)

USEFUL FOR:

- Diagnosis and assessment of severity of metabolic bone disease including Paget's disease, osteomalacia, and other states of high bone turnover
- Monitoring efficacy of antiresorptive therapies including post-menopausal osteoporosis treatment
- The assay is not intended as a screening test for osteoporosis. Assay results should be used only in conjunction with information available from the clinical evaluation of the patient and other diagnostic procedures
- Measurements of bone turnover markers are not useful for the diagnosis of osteoporosis; diagnosis of osteoporosis should be made on the basis of bone density

METHODOLOGY: Immunoenzymatic assay

REFERENCE VALUES:

Males: < or = 20 mcg/L

Females

Pre-menopausal: < or = 14 mcg/L

Postmenopausal: < or = 22 mcg/L

SPECIMEN REQUIREMENTS: Draw blood in a plain, red-top tube(s). Spin down and send 0.8 mL of serum frozen in plastic vial.

CAUTIONS:

- Human antimouse (HAMA) or other heterophile antibodies may be present in patient specimens. Although the assay has been specifically formulated to minimize their effects on the assay, results from patients known to have these antibodies should be carefully evaluated.
- Liver-derived alkaline phosphatase (ALP) has some cross-reactivity in this assay: 100 U/L of liver ALP activity gives a result of 2.5-5.8 mcg/L. Accordingly, serum specimens with significant elevations of liver ALP activity may yield elevated results.

LIST FEE: \$ 172.00

CPT CODE: 84080

ANALYTIC TIME: 1 day

DAY(S) SET UP: Monday through Friday, Sunday
3rd shift

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Mary Erath, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710



MAYO CLINIC
 Mayo Medical Laboratories

TEST DEFINITION

5/1/2009

Code Name

200106 Bone Alkaline Phosphatase, S

**** End of Name to order code Report ****

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
200106	4/8/2009		Bone Alkaline Phosphatase, S			NEL
			Transport temp : Refrig\Frozen OK\Ambient NO			
			200106 Bone Alkaline Phosphatase, S			
			Units: mcg/L			
			NO SEX			
			All Ages :		; #N82985N	
			MALE			
			All Ages :		; #N82985M	
			FEMALE			
			All Ages :		; #N82985F	

*Performing Site Legend

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NEL      Mayo Medical Laboratories New England      LAB DIRECTOR:  Lynn A. Cheryk, Ph.D.
          160 Dascomb Road
          Andover, MA 01810
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*** End of Report ***

CODE	TEXT
N82985F	Pre-menopausal Female: < or = 14 Postmenopausal Female: < or = 22
N82985M	Males: < or = 20
N82985N	Males: < or = 20 Pre-menopausal Females: < or = 14 Postmenopausal Females: < or = 22

Total of 3 normals codes

*** End of Report ***



LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, 200106		PATIENT NUMBER		AGE 25	SEX F	ACCESSION # G9125513
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 04/28/09 03:24 P	RECEIVED 04/28/09 03:24 P	REPORT PRINTED 04/30/09 03:38 P		SPECIMEN INFORMATION DATE OF BIRTH:		
DATE TIME	DATE TIME	DATE TIME	DATE TIME			
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
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Bone Alkaline Phosphatase, S

Bone Alkaline Phosphatase, S	10	mcg/L	NEL
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-- EXPECTED VALUES --

Premenopausal Female:

< or = 14

Postmenopausal Female:

< or = 22

* PERFORMING SITE

NEL	Mayo Medical Laboratories New England 160 Dascomb Road Andover, MA 01810	Lab Director: Lynn A. Cheryk, Ph.D.
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PATIENT NAME TESTING, 200106	ORDER STATUS Final	COLLECTION DATE AND TIME 04/28/09 03:24 P
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Specimen receipt and report times are in CST/CDT

REPRINT

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