



MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
MML NEW ENGLAND
NOTIFICATION DATE: April 2, 2012
EFFECTIVE DATE: April 3, 2012

THIAMIN (VITAMIN B1,) WHOLE BLOOD

TEST ID: TDP

EXPLANATION: Mayo Medical Laboratories New England Thiamin (Vitamin B1), WB will be replacing Rochester Thiamin (Vitamin B1), WB # 81019, Test ID VITB1, which will become obsolete on May 3, 2012.

USEFUL FOR: Assessment of thiamin deficiency

METHODOLOGY: High-Performance Liquid Chromatography (HPLC) with Fluorescence Detection

REFERENCE VALUES: 70 – 180 nmol/L

SPECIMEN REQUIREMENTS:

Container/Tube: Purple top (EDTA whole blood), light protected

Specimen Volume: 5 mL

Collection Instructions:

1. Fasting-overnight (12 – 14 hours) (infants – draw prior to next feeding). Water can be taken as needed.
2. Invert 8 to 10 times to mix blood.
3. Immediately place specimen on wet ice. Maintain on wet ice and process within 4 hours of draw.
4. Aliquot whole blood into **amber vial (supply T192)** to protect from light
5. Freeze immediately.

NOTE CHANGE IN SPECIMEN REQUIREMENTS:

- Light protected purple top (EDTA whole blood) is **required**.
- Green-top (heparin whole blood) **will not** be acceptable.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
WB EDTA	Frozen	7 days

CAUTIONS: Thiamin diphosphate degrades with time. Whole blood specimens should be frozen immediately following collection.

LIST FEE: \$ 156.50

CPT CODE: 84425

DAY(S) SET UP: Monday through Friday

ANALYTIC TIME: 2 days
(not reported Saturday or Sunday)

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Rita Baird, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710