

TEST OBSOLETE

NOTIFICATION DATE: June 18, 2013 **EFFECTIVE DATE:** July 24, 2013

MYOGLOBIN, URINE

Test ID: MYOU

Secondary ID: 9274

EXPLANATION: This test is being moved to a new platform. Effective July 24, 2013, due to enhancements made to Myoglobin testing, MML will obsolete test MYOU. Alternatively, clients may order code MYGLU which incorporates new reporting units, reference values, and the urine myoglobin transport tube (**Supply T691**).

RECOMMENDED ALTERNATIVE TEST: MYGLU

METHODOLOGY: Latex Particle-Enhanced Immunoturbidometric Assay

REFERENCE VALUES: ≤21 mcg/L

SPECIMEN REQUIREMENTS:

Submission Container/Tube: Plastic, 10-mL urine tube (**Supply T691**)

Specimen Volume: 5 mL

Collection Instructions:

- 1. Collect a preservative free random urine specimen.
- 2. If sample is ambient, aliquot the urine to a urine myoglobin transport tube (**Supply T691**) within one hour of collection. Refrigerate sample.
- 3. If sample is refrigerate, aliquot the urine to a urine myoglobin transport tube (**Supply T691**) within two hours of collection.

Additional Information: Specimens not received in a urine myoglobin transport tube (Supply T691) will be rejected. Urinary myoglobin is highly unstable unless alkalized with Na2CO3 preservative. Even with alkalization with Na2CO3, myoglobin deterioration is variable and sample dependent (approximate averages of 10% at 1 day, 20% at 3 days, and 30% at 7 days).

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Urine	Refrigerated	7 days

CPT CODES:

83874

DAY(S) SET UP: Monday through Sunday; **ANALYTIC TIME:** Same day/1 day

Continuously

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Richard R. Einerson, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710