

MEMORANDUM

TO: Regional Medical Laboratory Clients
FROM: Nikki Garner, MS HCA, Manager Processing/Specimen Resolution/Ref Lab
Shellie Lamb, MLT, Reference Lab Specialist
DATE: July 8, 2015
SUBJECT: **Myoglobin Urine Transport Tube Change**

Effective July 27, 2015, there will be a change in the transport tube used for myoglobin urine. Elevated urine myoglobin aids in detecting the risk of acute renal failure. Urine myoglobin can also be elevated following vigorous exercise, myocardial infarction, mild muscle injury and other various conditions.

The Myoglobin Urine Transport Tube contains sodium carbonate, Na₂CO₃, used to adjust the pH to 8-9.

Specimen volume and processing for this test is as follows:

- Collect a random or 24-hour urine specimen.
- The specimen should be poured off into a Myoglobin Urine Transport Tube within one (1) hours of collection and submitted frozen.
- The specimen stability, once urine has been poured off into the transport tube, is as follows:
Room temp - one (1) hour; Refrigerated - 72 hours; Frozen - 1 month
- Please submit separate specimens for multiple tests.

Test numbers and names will remain the same. The test will be performed by Electrochemiluminescent Immunoassay. The reference range will change from <28 mcg/L to 0-1 mg/L. The CPT code will remain 83874 and price will be unchanged at this time. **MYOGLOBN U – 3001050** (LOINC – 2641-9)

Specimens that are not submitted in the transport tube, processed appropriately or past stability will be rejected. To request tubes, please enter “Myoglobin Urine Transport Tube” under the miscellaneous section on the online tool or write on the fax supply request form and fax form to Materials Management at 918-744-3006 or 888-833-0528. Please indicate quantity needed (see picture of noted tube below). If you have questions or concerns, please feel free to contact either Nikki Garner or Shellie Lamb at 918-744-2500.

