

Plasma Metanephrines: Increased Stability Time and Room Temperature Shipping

Date: January 5th, 2024

Effective Date: February 7th, 2024

The testing lab for plasma metanephrines (test code METEP) will change from ARUP to Mayo Clinic Laboratories. This change will allow for longer sample stability, from one hour to two hours prior to centrifugation, as defined by Mayo Clinic Labs. Plasma samples must be collected in EDTA lavender vacutainers, but do not need to be sent on ice.

The reference intervals for metanephrine and normetanephrine from both labs are consistent, however, there will be no separate interpretation report from Mayo Clinic Labs, as is currently sent by ARUP. The Mayo report does not total the two components together.

Testing methodology remains as LC-MS/MS. The Mayo Clinic Laboratory runs this test Monday through Saturday, with a turnaround time of 2 to 4 days. The UR Test Index will be updated to these changes on the effective date of February 7, 2024.

From: Victoria Zhang, PhD, MBA
Professor and Director of Clinical Chemistry
Dept. of Pathology and Laboratory Medicine
University of Rochester Medical Center
Phone: (585) 276-4192
Email: Victoria_Zhang@urmc.rochester.edu