

# Fairview Diagnostic Laboratories (FDL) HealthEast Medical Laboratory (HML)

\*\*\*\*\*IMPORTANT LAB UPDATE\*\*\*\*\*

To: HealthEast Medical Laboratory Providers and Clients

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Subject: Updates to the HealthEast Stone Formation, 24 Hour Urine; 24 Hour Urine Magnesium  
and Random Urine Magnesium Tests

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As of 7/16/2019, HealthEast Laboratories will resume in-house testing of urine magnesium using a newly-released enzymatic magnesium reagent from Abbott Diagnostics Laboratories on our Abbott Architect platform.

Random urine magnesium (current order code UMG or LAB405) and 24 hour urine magnesium (MGU or LAB406) will again be ordered as separate tests and performed at St. Joseph's Hospital Laboratory. Collect 24 hour urines in a 24 hour container and random urines in a random urine container with no preservative and keep the specimen refrigerated for the duration of the collection. Submit the entire collection to HML indicating the duration of collection and total volume on the submitted container. Submission of the entire collection to HealthEast Medical Laboratory on 24 hour urines is critical to test accuracy because the remainder of the collection must be acidified to perform magnesium testing after all other tests have been aliquoted.

Stone Formation, 24 Hour Urine will be ordered in Epic as Stone Formation, 24 Hour Urine Procedure Panel (LAB709 SSU *and* LAB406 MGU). The 24 hour Magnesium component of this procedure panel will be analyzed at St. Joseph's Laboratory and be reported separately. Order Preference lists for staff placing orders in Epic Beaker will need to be adjusted from the Stone Formation, 24 hour Urine Test to the Stone Formation, 24 Hour Urine Procedure Panel. A correlation performed comparing the ARUP urine magnesium method and the new Abbott enzymatic urine assay at St. Joseph's yielded an average bias of -1.583%.

We are grateful for the opportunity to continue to provide you with high-quality, reliable laboratory test results. Input from the clinical providers we serve is a valuable resource as HealthEast Medical Laboratory strives to continually improve our services.

Please contact Dr. Joseph Leverone at 651-232-3573 or Charlie Burrige at 651-232-7191 with questions or for more information.