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TO: REFERRING CLIENTS  
FROM: Jeffery Cuneo, Business Coordinator  
LRC Hamilton  
DATE: February 23, 2018  
SUBJECT: Fractionated Urinary Metanephrine Testing

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Effective March 1, 2018, we will begin offering a **Fractionated Urinary Metanephrine** testing as a more sensitive test for the screening of Pheochromocytomas and Paragangliomas. The recommended test is 24-hour urine and will include **Metanephrine** and **Normetanephrine**. Urine VMA is not recommended for screening.

Very rarely in COMT negative tumors, a 24-hour urine for Catecholamines would be the test of choice. We do not recommend plasma free Metanephrines as the initial screening test, as there are a number of pre-analytical issues that could impact the test accuracy.

Please note that previously Total Metanephrine, 24 Hour Urine was automatically added to all Catecholamine orders. With the implementation of this new assay, we will no longer be adding this test to Catecholamine orders. The LRC LTIG will be updated to reflect these changes.

**Test Information**

Metanephrine, 24 Hour Urine

**Specimen Requirement**

50 mL, 24 Hour Urine

**Specimen Handling Instructions**

50 mL aliquot of a 24 hour collection. Acidify with 6N HCL (pH 2-3). State total volume. Keep cool during transport.

**Reference Intervals**

Urine Metanephrine <1882 nmol/24 h

Urine Normetanephrine <3804 nmol/24 h

**Turnaround Time**

8 days

**Method**

HPLC/ECD

**Price**

\$50.00

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