

## LAB ALERT

**Date:** January 5, 2016

### **Kappa and Lambda Free Light Chain Assay (FKLC and FLLC) Now Offered In-House**

Dear Regional Pathology Clients,

We are excited to announce that on 01/11/2016, we will start to offer in-house the quantitative assay for serum Kappa and Lambda Free Light Chain Assay (FKLC and FLLC). This will enhance the turnaround time tremendously for our clients. The test will measure Kappa and Lambda Free Light Chain in serum using a turbidimetric assay on the Binding Site, UK SPAPLUS® analyzer.

**Important note:** The introduction of this new testing platform for monitoring free light chains may cause significant changes in the laboratory results for patients serially monitored for free light chains. The results of free light chains in a given specimen determined with assays on different testing platforms can vary due to differences in assay methods and reagent specificity. Values obtained with different assay methods cannot be used interchangeably. Nevertheless, while the quantification of FKLC and FLLC may significantly change due to the specified analytical reasons, the ratio between them should remain consistent.

**Order Code:** KAPLAM

**Specimen Requirement:** SST or Red Top

**Stability and other specification/sample requirements:**  
Due to significant analytical interferences, grossly lipemic and hemolyzed specimens will be rejected  
Serum is stable refrigerated for 21 days.

**Reference Ranges:**  
FKLC: 3.3-19.4 mg/L  
FLLC: 5.7-26.3 mg/L  
Kappa/Lambda Ratio: 0.26 – 1.65  
No pediatric ranges have been established for these assays

**This test will be offered daily, Monday through Friday**

If you have questions or concerns about this change please contact Dr. Sam Pirruccello, (phone: 559-7707 or 763-3157, pager: 888-1640, e-mail: [spirrucc@unmc.edu](mailto:spirrucc@unmc.edu)).

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