



MEMORANDUM #147

TO: UNCHCS Attending Physicians, Housestaff, Nursing Coordinators, Department Heads and Supervisors

FROM: *NKS* Nichole Korpi-Steiner, PhD, Director, Special Chemistry Laboratory
SWC Steven Cotten, PhD, Co-Director, Clinical Chemistry
CC Christian Cristobal, Assistant Administrative Director, Core Laboratory
HOU Herbert C. Whinna, MD, PhD, Medical Director, McLendon Clinical Laboratories

DATE: September 25, 2018

SUBJECT: Temporary Send Out of All Serum Free Light Chain Testing

Due to manufacturer instrumentation issues currently used for serum free light chain (free kappa, free lambda), the UNCCMC McLendon Clinical Laboratories will be sending out patient samples with measured serum free light chain values >45 mg/dL to Mayo Medical Laboratories beginning September 26th. Any future samples with serum free light chain orders for these select patients will also be sent out to Mayo Medical Laboratories in order to support continuity in patient care monitoring. Once UNC instrumentation issues can be corrected and test performance validated, the Special Chemistry Lab will resume in-house testing.

During this transition, the ordering procedure in EPIC will remain the same, as will the specimen type.

Recommendation for Healthcare Providers:

- Due to inter-method variability in serum free light chain testing, consider re-baselining patient test values by interpretation in the clinical context.

If you have any questions related to these changes, please contact the Core / Special Chemistry Laboratory at 984-974-1415, Dr. Korpi-Steiner at 984-974-1498, or Dr. Cotten at 984-974-1489.