




## Memorandum Core #217

To: UNC Health Physicians, House staff, Nursing Coordinators, Department Heads and Supervisors

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Date: February 11, 2025

**Subject: Change in Serum Free Kappa Light Chain Testing**

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Effective February 14th, 2025, serum free kappa light chain testing will be performed using a new lot of calibrator reagent formulation. Per the vendor, the new reagent formulation is intended to enhance stability of the calibrator [1].

Impact on patient serum free kappa light chain testing:

- **Patient serum free kappa light chain values may be lower (decrease approximately -10%)** compared to previously reported UNC Health McLendon Lab results per internal evaluation. Vendor evaluation observed a decrease of -14% using new lots of reagent formulation [2].
- Reference range will not change at this time.

For questions, please contact the Special Chemistry Laboratory at 984-974-1415 or Dr. Korpi-Steiner at 984-974-1498.

References:

1. Binding Site. [CCN044 \[Customer letter\]](#). Free Light Chain (FLC) Kappa calibrator improvement project.
2. Binding Site. [CCN047 \[Customer letter\]](#). Free Light Chain (FLC) Kappa calibrator improvement project.

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