



Memorandum Core #185

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

From: Nichole Korpi-Steiner, PhD, Director, Special Chemistry Laboratory

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Date: May 13, 2022

Subject: Updates to Serum/Urine Protein Electrophoresis and Serum Free Light Chains Testing

Effective May 22, 2022, in order to better serve UNC Health patients and providers as well as better align ordering/testing practices with the International Myeloma Working Group and College of American Pathologists guidelines [1, 2], the McLendon Clinical Laboratories Special Chemistry Lab will include serum free light chains (sFLC) testing in the serum “Workup” order and update the following test names:

TEST ID	Current Test Name	Updated Test Name	Lab Practice Change Description
LAB735	Immunoglobulin Free LT Chains Blood	Serum Free Light Chains (sFLC)	
LAB5356	Myeloma Workup, Serum	Monoclonal Gammopathy Workup, Serum	Testing will include sFLC
LAB5198	Myeloma, Urine	Monoclonal Gammopathy Workup, Urine	
LAB11009	Myeloma, 24 H Urine	Monoclonal Gammopathy Workup, Urine 24 Hour	

- Facility preference lists, system order sets and result fields in EPIC will automatically display the updated test names.
- sFLC testing will automatically be included with serum monoclonal gammopathy workup orders.
- Personal preference lists will not display the updated test names. Updating personal preference list with these revised test names is encouraged, but not required.

Please contact Dr. Sascha Tuchman (sascha_tuchman@med.unc.edu) for any clinical questions regarding this change.

Please contact Dr. Nichole Korpi-Steiner (Nichole.korpi-steiner@unchealth.unc.edu) for any technical questions.

References:

- [1] Rajkumar S, Dimopoulos M, Palumbo A, et al. International Myeloma Working Group updated criteria for the diagnosis of multiple myeloma. *Lancet Oncol*, 2014. DOI: 10.1016/S1470-2045(14)70442-5.
- [2] Keren D, Bocsi G, Billman B, et al. Laboratory Detection and initial Diagnosis of Monoclonal Gammopathies. *Arch Pathol Lab Med*, 2022. DOI: 10.5858/arpa.2020-0794-CP.