



Capital Health

## MEMORANDUM

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**To:**

1. Physicians, Divisions of Hematology and Nephrology  
Department of Medicine, Capital Health
2. Drs. Ron MacCormick and William Harless  
Cape Breton (CB) Regional Hospital, CB District Health Authority  
Sydney, Nova Scotia
3. Dr. Senyo Tagaboto  
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**From:** Dr. Bassam A. Nassar  
Director, Hematology-Immunology Section  
Dr. Irene Sadek  
Chief of Service, Division of Hematopathology

**Date:** March 26, 2014

**Subject:** **Changes to Free Monoclonal Light Chain Testing**

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Effective April 1st, 2014, the Immunology Section of the Division of Hematopathology at Capital Health will begin using the SPAPLUS<sup>®</sup> instrument from The Binding Site to measure free monoclonal light chains in serum, a change from its present method using the Immage instrumentation from Beckman Coulter Inc. The Binding Site is also the vendor of the free monoclonal light chain testing reagents that are already in use in our Laboratory.

Please note that this change will result in a minor alteration in the reference ranges and the results may vary from those reported previously. The new reference ranges will be as follows:

<b>Free monoclonal kappa (<math>\kappa</math>) light chains:</b>	3.30-19.40 mg/L
<b>Free monoclonal lambda (<math>\lambda</math>) light chains:</b>	5.71-26.30 mg/L
<b>Free monoclonal kappa/ free monoclonal lambda (<math>\kappa/\lambda</math>) ratio:</b>	0.26-1.65

Please direct any questions to Dr. Nassar at 473 2225 ([bassam.nassar@cdha.nshealth.ca](mailto:bassam.nassar@cdha.nshealth.ca)) or Dr. Irene Sadek at 473 8471 ([irene.sadek@cdha.nshealth.ca](mailto:irene.sadek@cdha.nshealth.ca)).

We thank you for your attention.

CC. Dr. J. Godfrey Heathcote, Ms. Fran O'Brien, Mr. Eugene Smith, Ms. Bev Twohig