



laboratory  
reference  
centre  

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TO:           **REFERRING CLIENTS**

FROM:        Barb Baltzer, Coordinator  
              Laboratory Reference Centre (LRC)  
              Hamilton Regional Laboratory Medicine Program (HRLMP)

DATE:        September 2, 2011

SUBJECT:     **Discontinuation of Random Urine Bence Jones Protein**

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**Effective immediately**, we will no longer be accepting random urine specimens for Bence Jones Protein requests. The 24-Hour Urine Bence Jones Protein is available and requires that a 24-Hour urine collection be obtained.

**Reasons for this change:**

Detection and quantification of monoclonal free light chains (MFLC), also called Bence Jones proteins, requires a 24-hour urine sample. Random urine samples, particularly at times other than the first void in the morning, run the risk of not containing MFLC compared to a 24-h sample. Furthermore, to assess tumor burden the amount of MFLC requires the total amount excreted per day.

If you have questions or concerns about this change, please contact:

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