

Date: June 13, 2011

To: Central Zone – Former David Thompson Health Region Sites
Physicians, Nursing, Laboratory Services

From: AHS Laboratory Services –Central Zone

Re: FSH, LH and Prolactin – Reference Range Changes

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Key Messages:

- **Effective June 14, 2011**, the testing in the Red Deer Hospital laboratory for Follicle Stimulating Hormone (FSH), Luteinizing Hormone (LH) and Prolactin will be transferred to the primary chemistry analytical platform.
- For **FSH and LH**, there will be modest changes to the reference ranges for males and for females (< 9 y, follicular, midcycle and luteal). In addition, for females, the former single postmenopausal reference range will be changed to provide specific reference ranges for patients receiving and not receiving menopausal hormone therapy (MHT).
- For **Prolactin**, there will be a modest change to the reference range for males. For females, the former single reference range will be changed to provide specific reference ranges for non-pregnant, pregnant and postmenopausal females.

Why this is important:

These reference range changes are necessary:

- To adjust for the modest methodological differences in results between the current and new assays.
- To take advantage of the more diversified reference range information provided with the new assays.

Inquiries and feedback may be directed to:

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This bulletin has been reviewed and approved by:

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