

**Date:** December 7, 2015  
**To:** North Zone – All Physicians, Nursing and Laboratory Supervisors  
**From:** AHS Laboratory Services  
**Re:** HCG Reference Range and Result Comments

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**Key Messages:**

- Effective **December 7, 2015**, at 0800 hrs, as part of Provincial Standardization, the HCG reference ranges and result reporting comments will be updated. All HCG interpretive comments have been removed and a new Result Comment has been added.

**Reference Range**

Site	Old Reference Range	New Reference Range
Bonnyville	Male/Female <5 IU/L	No change
Peace River	Male No reference range Female <6 IU/L	Male/Female <5 IU/L
QEII Hospital Laboratory	Male: <1 IU/L Female: <3 IU/L	Male/Female <5 IU/L

**Result Comment**

The reporting comment appended to the result will be as follows:

**Peace River:**

**Method Used:** Siemens Xpand - 4<sup>th</sup> WHO International Standard (75/589)

**WARNING:** Different methods give potentially significantly different numerical values. Do not compare results from method to method. Testing by the same method is required for serial monitoring.

Graphical displays (Netcare, POS) of serial data may be misleading if results are from different methods.

**Bonnyville:**

**Method Used:** Beckman Access - 5<sup>th</sup> WHO International Standard (07/364)

**WARNING:** Different methods give potentially significantly different numerical values. Do not compare results from method to method. Testing by the same method is required for serial monitoring.

Graphical displays (Netcare, POS) of serial data may be misleading if results are from different methods.

**QEII Hospital Laboratory:**

**Method used:** Siemens Vista - 4<sup>th</sup> WHO International Standard (75/589)

**WARNING:** Different methods give potentially significantly different numerical values. Do not compare results from method to method. Testing by the same method is required for serial monitoring.

Graphical displays (Netcare, POS) of serial data may be misleading if results are from different methods.

**Inquiries and feedback may be directed to:**

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**This bulletin has been reviewed and approved by:**

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