

Date: October 28, 2013

To: Central Zone
Physicians Offices, Laboratory Directors and Managers

From: AHS Laboratory Services

Re: Transition to QuickVue One-Step Human Chorionic Gonadotropin (hCG) Urine Pregnancy Test Kit

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Messages:

- Effective **November 5, 2013**, several **Hospital** laboratories in Central Zone will be switching from the current QuickVue One-Step hCG **Combo** (serum/urine) qualitative pregnancy test kit to the QuickVue One-Step hCG **Urine** qualitative pregnancy test kit. This transition is due to recent provincial contract standardization.
- A positive concentration cutoff (25 IU/mL) will be used for the **urine only** test kit. This is a minor change from the current combo test kit (20 IU/mL).
- **Physician offices** in the community that order their hCG pregnancy test kits from their local hospital laboratory or from Red Deer Regional Hospital Laboratory Stores will receive the **QuickVue One-Step hCG Urine** test kit. A new procedure and the manufacturer's quick reference "Procedure Card" will be provided with the shipment of the first kit.
- There will be no changes to laboratory reporting of qualitative hCG testing.

Hospital laboratories switching to the QuickVue One-Step hCG Urine Test Kit include:

Red Deer Regional Hospital, Bashaw Care Centre, St. Mary's Hospital - Camrose, Our Lady of the Rosary Hospital & Care Centre-Castor, Consort Hospital and Care Centre, Centennial Centre for Mental Health and Brain Injury - Ponoka, Coronation Hospital and Care Centre, Daysland Health Centre, Eckville Community Health Centre, Hardisty Health Centre, Killam Health Centre, Lamont Health Care Centre, Mannville Care Centre, Provost Healthcare Centre, Sylvan Lake Community Health Centre, St. Mary's Healthcare Centre – Trochu, Tofield Health Centre, Two Hills Health Centre, St. Joseph's General Hospital – Vegreville, Vermillion Health Centre, Viking Health Centre, and Wainwright Health Centre.

Action Required for Physician Offices:

- Review the QuickVue One-Step hCG Urine Test Kit procedure.
Some important changes to the urine only test kit include:
 - A new positive concentration cutoff (25 IU/mL)
 - Test cassette requires only three drops of urine
 - Test cassette has only one read window and one sample port
 - A valid result is indicated by a blue horizontal line in the C (Control) area of the read window
 - A positive result is indicated by a pink-to-red Test (T) Line along with a blue Control (C) Line
- Please return any unused kit(s) you have at your office to the location you obtained them from. These kits cannot be used with the new procedure.

Inquiries and feedback may be directed to:

- Dr. Allison Venner, Clinical Biochemist, Central Zone at: 403-406-5633 or email: allison.venner@albertahealthservices.ca

This bulletin has been reviewed and approved by:

Dr. James Wesenberg, AHS Provincial Medical / Scientific Director, Laboratory Services