

Date: April 5, 2012
To: Oilfields General Hospital Emergency Department
From: Carol Boechler, Director Integration and Standards, AHS Laboratory Services
Re: Ionized Calcium (iCa) on the i-STAT Analyzer

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Key Messages:

Reference ranges and units of measure for the Ionized Calcium (iCa) on the i-STAT have been **revised** to align with provincially established and accepted values.

Reference , Critical Range and Units of measure for iCa are listed below:

Analyte	Reference Range	Critical Range
Ionized Calcium (iCa)	1.10-1.35 mmol/L	< 0.8 OR > 1.5 mmol/L

Action Required:

Note changes when performing testing on the i-STAT analyzer.

Inquiries and feedback may be directed to:

Carol Boechler at carol.boechler@albertahealthservices.ca or by phone at 403-601-1774.

This bulletin has been reviewed and approved by:
Dr. Leland Baskin, Medical / Scientific Director - Calgary Zone.