

Laboratory Bulletin

Date: November 28, 2016
To: All Zones - Physicians and Allied Health Care Professionals, and Laboratory Directors, Managers, Supervisors
From: AHS Laboratory Services
Re: Provincial Standardization of Creatinine Reference Intervals

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Key Messages:

- November 29th, 2016 all sites reporting serum/plasma Creatinine will move to standardized provincial reference intervals

Serum/Plasma Creatinine				
Age	Reference Interval	Units	Gender	Critical Value
1 day to 1 yr	10 - 40	µmol/L	M, F & U	None
2 yrs to 5 yrs	20 - 45	µmol/L	M, F & U	None
6yrs - 12 yrs	20 - 75	µmol/L	M, F & U	None
13yrs - 14 yrs	30 - 95	µmol/L	M, F & U	None
15+ yrs	40 - 100	µmol/L	F	None
15+ yrs	50 - 120	µmol/L	M & U	None

- The Chemistry Network has approved the new reference intervals

Why this is important:

- The Rural Network asked the Chemistry Network to develop common reference intervals for common chemistry tests in Alberta. As patients often have testing done at different facilities this will be advantageous to physicians/healthcare professionals in diagnosis and management of patients.
- For physicians/healthcare professionals that work at different facilities this will be advantageous.
- All sites in Alberta performing serum/plasma creatinine will report the new reference intervals.
- eGFR calculations will not be affected.

Action Required:

- Review the new reference intervals and be aware of the changes

Inquiries and feedback may be directed to:

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This bulletin has been reviewed and approved by:

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