



Date: March 8, 2021
To: Edmonton Zone Physicians, Laboratory Managers and Supervisors
From: Alberta Precision Laboratories (APL)
Re: Updates to Reference Intervals and Reportable Ranges at Specified Edmonton Suburban and Rural Lab Sites

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Key Message:

- On March 8, 2021 reference intervals and reportable ranges at Cross Cancer Institute, Devon General Hospital, East Edmonton Health Centre, Fort Saskatchewan Community Hospital, Leduc Community Hospital, Northeast Health Centre, Redwater Health Centre, Strathcona Community Hospital, and Westview Health Centre will be updated.

Reference intervals

Analyte	Old reference interval	New reference interval
Neonatal bilirubin	No reference interval	7-14 days : <250 µmol/L 15-29 days: <20 µmol/L 0-6 days: no change, interpret with nomogram
Creatine kinase	Reference intervals partitioned by age	M, U, X all ages: 30-350 U/L F all ages: 30-200 U/L
Troponin iSTAT method only*	<150 ng/L	<100 ng/L

*Troponin using the iSTAT method is a backup method. Troponin primary testing method is unchanged

- Lower and upper reportable ranges for certain analytes will be adjusted.
- Changes are due to provincial standardization of reporting.

Action required

- No action required.

Inquiries and feedback may be directed to:

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This bulletin has been reviewed and approved by:

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