

DATE:	2022 February 7
TO:	Physicians, Nurses and Lab Staff at Barrhead, Bonnyville, Cold Lake, Edson, Hinton, Lac La Biche, Mayerthorpe, Slave Lake, St. Paul, Westlock
FROM:	Janelle Vetsch, Consultant Technologist
RE:	Change to Reference Range for Lactate Dehydrogenase (LD)

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Key Message

- Effective February 16, 2022 laboratories performing Lactate Dehydrogenase (LD) testing in Barrhead, Bonnyville, Cold Lake, Edson, Hinton, Lac La Biche, Mayerthorpe, Slave Lake, St. Paul, and Westlock will move to a new method.

Background

- The new method will result in a significant change to reference ranges.

Old LD Method
313 – 618 U/L, all ages, all genders

New LD Method		
180 – 430 U/L	< 2 years	M/F/U/X
110 – 300 U/L	2 – 12 years	M/F/U/X
100 – 225 U/L	≥ 13 years	M/F/U/X

How this will impact you

- This change requires a change in the Mediatech test order code. The new code is LD2.

Action Required

- Please be aware that reference ranges for the new LDH method have been changed and that results obtained by this method are significantly lower compared to those obtained by the old method.

Effective

- February 16, 2022**

Questions/Concerns

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Approved by

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- Dr. Michael Mengel, North Sector Medical Director, APL Chair Department of Laboratory Medicine and Pathology, University of Alberta