

LDH Assay Upgrade

Effective 4/7/2021, the UVMHC laboratory will be upgrading its LDH assay on the Ortho Clinical Diagnostics Vitros 5600 to a new generation. With this upgrade comes several changes, most notably a change in the reference ranges to LDH (LAB96), which will bring our LDH results in line with the majority of commercially available clinical chemistry analyzers. In addition, the measuring range for both LDH (LAB96) and FLDH (LAB188) will change from 100-2150 U/L to 41-1000 U/L. There will be no changes to the test names, test order codes, or where reporting occurs in the results tree. The new reference ranges for LDH (LAB96) are given below.

<u>Test Name</u>	<u>Epic Code</u>	<u>Atlas Code</u>	<u>Mayo Access ID</u>	<u>Change(s)</u>
LDH	LAB96	LDH	FAH257	Reference Ranges and Linearity

<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Units</u>
0-11 years	195-349	195-349	U/L
12-15 years	177-358	146-297	U/L
16-18 years	134-314	120-250	U/L
>=19 years	120-246	120-246	U/L

<u>Test Name</u>	<u>Epic Code</u>	<u>Atlas Code</u>	<u>Mayo Access ID</u>	<u>Change(s)</u>
LDH, Fluid	LAB188	FLDH	FAH5930	Linearity

If you have any questions or concerns regarding this change please reach out the chemistry medical director (clayton.wilburn@uvmhealth.org).

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