

Client: Example Client ABC123

123 Test Drive

Salt Lake City, UT 84108

UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB12/20/1985

Gender:Female

Patient Identifiers:01234567890ABCD, 012345

Visit Number (FIN):01234567890ABCD

Collection Date:00/00/0000 00:00

Lactate to Pyruvate Ratio, Whole Blood

ARUP test code 2007935

Lactic Acid	0.76 mmol/L	(Ref Interval: 0.31-2.00)
Pyruvic Acid	0.076 mmol/L	(Ref Interval: 0.030-0.107)

Lactate to Pyruvate Ratio10

INTERPRETIVE INFORMATION: Lactate to Pyruvate Ratio, whole Blood

The blood lactate to pyruvate (L:P) ratio is used to distinguish between pyruvate dehydrogenase deficiency and other causes of congenital lactic acidosis. In conjunction with an elevated lactate, an L:P ratio greater than 30 suggests inherited disorders of the respiratory chain complex or tricarboxylic acid cycle disorders. In conjunction with an elevated lactate, an L:P ratio less than 25 suggests a defect in pyruvate metabolism. An artifactually high L:P ratio can be observed in acutely ill individuals. Abnormal concentrations of lactate, pyruvate, and the L:P ratio are not diagnostic for any single disorder and must be interpreted in the context of the individual's clinical presentation and other laboratory studies.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Lactic Acid	23-272-401004	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Pyruvic Acid	23-272-401004	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lactate to Pyruvate Ratio	23-272-401004	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical