PROCESSED AT :
Thyrocare,

MC-3759

Thyrocare
Tests you can trust

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*9 out of 10 Doctors Trust that Thyrocare Reports are **Accurate & Reliable***

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : LDH

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
LACTATE DEHYDROGENASE (LDH)	**PHOTOMETRY**	**1363.3**	**U/L**

Bio. Ref. Interval. :-

120-250

Clinical Significance:
Lactate Dehydrogenase occurs in the cytoplasm of all cells;there are five isoenzymes. The highest concentration are found in heart,liver,skeletal muscle,kidney, and the RBCs,with lesser amounts in lung,smooth muscle, and brain . LD catalyzes the interconversion of lactate and pyruvate. Marked elevations in lactate dehydrogenase (LD) activity can be observed in megaloblastic anemia, untreated pernicious anemia, Hodgkins disease, abdominal and lung cancers, severe shock, and hypoxia. Moderate to slight increases in LD levels are seen in myocardial infarction (MI), pulmonary infarction, pulmonary embolism, leukemia, hemolytic anemia, infectious mononucleosis, progressive muscular dystrophy (especially in the early and middle stages of the disease), liver disease, and renal disease. In liver disease, elevations of LD are not as great as the increases in aspartate amino transferase (AST) and alanine aminotransferase (ALT). Increased levels of the enzyme are found in about one third of patients with renal disease, especially those with tubular necrosis or pyelonephritis. However, these elevations do not correlate well with proteinuria or other parameters of renal disease. On occasion a raised LD level may be the only evidence to suggest the presence of a hidden pulmonary embolus.

Specifications: Precision: Intra assay (%CV): 0.76, Inter assay (%CV): 1.8, Sensitivity: >=0.01

Kit validation references:

Amador E. Dorfman L. E. Wacker W. E., Clin. Chem., 1963; 331

Please correlate with clinical conditions.
Method:- LACTATE / NAD METHOD

~~ End of report ~~

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign

Doctor 2 Sign