

Dr. Vinay Chopra
MD (Pathology & Microbiology)
Chairman & Consultant Pathologist

Dr. Yugam Chopra
MD (Pathology)
CEO & Consultant Pathologist

NAME : Mrs. PUSHPA
AGE/ GENDER : 73 YRS/FEMALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 01518300
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1634156
REG. NO./LAB NO. : 012410040044
REGISTRATION DATE : 04/Oct/2024 11:38 AM
COLLECTION DATE : 04/Oct/2024 11:59AM
REPORTING DATE : 04/Oct/2024 02:19PM

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

CLINICAL CHEMISTRY/BIOCHEMISTRY
LACTATE DEHYDROGENASE (LDH): SERUM

LACTATE DEHYDROGENASE (LDH): SERUM	378.3	U/L	225.0 - 450.0
------------------------------------	-------	-----	---------------

by BASED ON SCE, SPECTROPHOTOMETRY

INTERPRETATION:-

1.Lactate dehydrogenase (LDH) activity is present in all cells of the body with highest concentrations in heart, liver, muscle, kidney, lung, and erythrocytes.
2.The test can be used for monitoring changes in tumor burden after chemotherapy, although, lactate dehydrogenase elevations in patients with cancer are too erratic to be of use in the diagnosis of cancer

INCREASED (MARKED) :-

- 1.Megaloblastic anemia.
- 2.Untreated pernicious anemia.
- 3.Hodgkins disease.
- 4.Abdominal and lung cancers.
- 5.Severe shock.
- 6.Hypoxia.

INCREASED (MODERATE):-

- 1.Myocardial infarction (MI).
- 2.Pulmonary infarction and pulmonary embolism.
- 3.Leukemia.
- 4.Hemolytic anemia.
- 5.Infectious mononucleosis.
- 6.Progressive muscular dystrophy (especially in the early and middle stages of the disease)
- 7.Liver disease and renal disease.

NOTE:-

- 1.In liver disease, elevations of LDH are not as great as the increases in aspartate amino transferase (AST) and alanine aminotransferase (ALT).
- 2.Serum LDH may be falsely elevated in otherwise healthy individuals which can be due to mechanical destruction of RBCs. Therefore, Possibility of mechanical errors (Transportation or vigorous shaking) should always be ruled out.

*** End Of Report ***



DR.VINAY CHOPRA
CONSULTANT PATHOLOGIST
MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA
CONSULTANT PATHOLOGIST
MBBS, MD (PATHOLOGY)

