



LABORATORY REPORT

NAME : MR.PR0014 REFERRED BY : SELF VISIT NO : VAMP26147984
AGE : 40Y 0M 0D ZERO TARIFF CLIENT CODE COLLECTED ON : 21-04-2026 10:00
GENDER : Male LAB MR# : AAMP01479263 RECEIVED ON : 21-04-2026 19:51
OP / IP / DG # : APPROVED ON : 22-04-2026 14:03
REPORT STATUS : Final Report



Test Name	Result	Biological Ref. Interval	Unit
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Cardiac Enzymes

BIOCHEMISTRY

Aspartate Aminotransferase (AST/SGOT) (Serum)

Aspartate Aminotransferase (AST/SGOT) 32 < 40 U/L
IFCC kinetic

Creatine Kinase(CPK) - Serum (Serum)

Creatine Kinase(CPK) - Serum 204.00 <308 U/L
Kinetic -IFCC

Interpretation:

Ceratine kinase (CK) is found in mitochondria and cytoplasm of skeletal muscle. Its main function is in generation and facilitation of transportation of high energy phosphates . Serum creatine kinase (CK) activity may increase in patients with acute cerebrovascular disease or neurosurgical intervention and with cerebral ischemia as well as in nearly all patients when injury, inflammation, or necrosis of skeletal or heart muscle occurs, including:

- All types of muscular dystrophy particularly in progressive muscular dystrophy (particularly Duchenne sex-linked muscular dystrophy).
- Viral myositis, polymyositis, and similar muscle diseases
- Malignant hyperthermia.
- Acute rhabdomyolysis

- Exercise, muscle trauma (contact sports, traffic accidents, intramuscular injections, surgery, convulsions, wasp or bee stings, and burns), and drugs such as cholesterol-lowering statins can damage muscle and increase serum creatine kinase (CK) concentrations.

Creatine Kinase-MB (Serum)

CKMB 15.0 <24 U/L
immunological UV Assay

Interpretation:

Creatine kinase (CK) is found in mitochondria and cytoplasm of skeletal muscle. Its main function is in generation and facilitation of transportation of high energy phosphates. CK is dimeric molecule which occurs in 4 different forms: a mitochondrial isoenzyme and the cytosolic isoenzymes CK-MM (muscle type), CK-BB (brain type) and CK-MB (muscle-brain type).

CK-MB is an important biomarker of acute myocardial infarction and other causes of myocardial injury, such as heart failure and myocarditis. CK-MB may also appear in other clinical conditions, e.g. in rhabdomyolysis and stroke.

CK MB/CK Ratio (Serum)

CKMB 20.0 <24 U/L

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This is an electronically authenticated laboratory report.

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Sin No: 20385281





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Cardiac Enzymes <i>immunological UV Assay</i>			
Creatine Kinase(CPK) - Serum <i>Kinetic -IFCC</i>	204.00	<308	U/L
CK-MB/CK Ratio <i>Calculation</i>	0.09	<2.5	
LDH (Lactate Dehydrogenase) - Serum (<i>Serum</i>)			
LDH <i>IFCC UV, Kinetic</i>	195.00	135 - 225	U/L

Interpretation:

The lactate dehydrogenase (LDH) enzyme is widely distributed in tissue, particularly in the heart, liver, muscles and kidneys. Elevated serum levels of LDH have been observed in a variety of disease states. The highest levels are seen in patients with megaloblastic anemia, disseminated carcinoma and shock. Moderate increases occur in muscular disorders, nephrotic syndrome and cirrhosis. Mild increases in LDH activity have been reported in cases of myocardial or pulmonary infarction, leukemia, hemolytic anemia and non-viral hepatitis.

Sanjeeta

Dr. Sanjeeta
MBBS,MD (Biochemistry)
Consultant Biochemist

Disclaimer:

- All results released pertain to the specimen as received by the lab for testing and under the assumption that the patient indicated or identified on the bill/test requisition form is the owner of the specimen.
- Clinical details and consent forms, especially in Genetic testing, histopathology, as well as wherever applicable, are mandatory to be accompanied with the test requisition form. The non-availability of such information may lead to delay in reporting as well as misinterpretation of test results. The lab will not be responsible for any such delays or misinterpretations thereof.
- Test results are dependent on the quality of the sample received by the lab. In case the samples are preprocessed elsewhere (e.g., paraffin blocks), results may be compromised.
- Tests are performed as per the schedule given in the test listing and in any unforeseen circumstances, report delivery may be affected.
- Test results may show inter-laboratory as well as intra-laboratory variations as per the acceptable norms.
- Genetic reports as well as reports of other tests should be correlated with clinical details and other available test reports by a qualified medical practitioner. Genetic counselling is advised in genetic test reports by a qualified genetic counsellor, medical practitioner or both.
- Samples will be discarded post processing after a specified period as per the laboratory's retention policy. Kindly get in





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Cardiac Enzymes

touch with the lab for more information.

8. If accidental damage, loss, or destruction of the specimen is not attributable to any direct or negligent act or omission on the part of Ampath Labs or its employees, Ampath shall in no event be liable. Ampath lab's liability for a lack of services, or other mistakes and omissions, shall be restricted to the amount of the patient's payment for the pertinent laboratory services.

