



Name : MR. SPECIMEN REPORT
Pat. ID : 2202065 Age : 28 Yrs. 3 Mn. 22 Day Gender : M
Ref. By : FAMILY PHYSICIAN

Registered on : 06/02/2022 12:38:06
Received on : 07/02/2022 12:18:00
Reported on : 07/02/2022 12:18:45

Investigation(s): CPK-MB

| Test Name | Value | Unit | Normal Value |
|-----------|-------|------|--------------|
| CPK-MB | 17.03 | U/L | 0.00 - 25.00 |

Comment(s) -

Increased CK is predominantly used to diagnose neuromuscular diseases and acute myocardial infarction. Neuromuscular disorders include myopathies, muscular dystrophy, rhabdomyolysis, drug-induced myopathies, neuroleptic malignant syndrome, malignant hyperthermia, and periodic paralyses.

CK can also be elevated in the absence of neuromuscular diseases or cardiac injury, such as after strenuous exercise, intramuscular injection, and with renal disease.

The major source of CK-MB is myocardium, an elevated CK-MB level reflects myocardial injury, including acute myocardial infarction, myocarditis, cardiac trauma, cardiac surgery, and endomyocardial biopsy. However, CK-MB makes up 5-7% of CK in skeletal muscle. Therefore, skeletal muscle injury can sometimes cause elevated CK-MB levels, leading to misinterpretation. In addition, recent study shows that CK-MB is related to elevated blood pressure, as elevated adenosine triphosphate in endothelium can cause vasoconstriction and antagonize nitric mediated vasodilatation.

*** End of Report(s) ***

LABORATORY REPORT(S)


Joyace (Quality Control)


M. Mustafa (Sr. Lab. Tech.)


Dr. D. Garg MD (Pathology)

Note - If result(s) of test(s) is / are alarming or surprising or with error(s), please contact or visit us immediately for possible remedial action(s).

DISCLAIMER:(i)- Specimen Processing outcome(s)/result(s) is/are absolutely depend(s) on assumption that all vital information being shared, and cautions being taken before providing/giving specimen (sample). (ii)-Requested Test might yield invalid or delayed result for various technical reasons. (iii)-Specified Biological Reference Ranges encompass 95% confidence limits of a given population. (iv)-Laboratory Investigations are only a tool to facilitate in arriving a diagnosis and should be clinically co-related. (v)-Specimen repetition(s) are accepted on request of referring Doctor/ Specialist within a week of reporting. (vi)-Reports delivery may be delayed due to unforeseen circumstances. (vii)-Certain Tests may require further testing and group discussion amongst various intra-disciplinary medical professionals at additional cost for derivation of exact outcome. Kindly submit request within 72 hours of post reporting. (viii)-Test result may show inter laboratory variations. (ix)- All difference(s)/dispute(s), claim(s), concerning the test(s) or result(s) of test(s) shall be exclusively under Delhi jurisdiction. (x)-Specimen Processing outcome(s) / result(s) is/are not valid for Medico-legal purpose(s). (xi)-Communication / Assistance: +91 8800 510 900 /cowinpathlabs@gmail.com.