

CVS-Biochemistry

Archive

Lecture2

Biochemistry of cardiac
muscle-2

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CVS-Biochemistry **Lecture 2**

1. Why can't the liver utilize the ketone bodies it produces?

Because it lacks one of the enzymes of ketolytic pathway

2. Why can't the liver utilize the ketone bodies it produces?

A) Because it lacks the necessary transport proteins to import ketone bodies into hepatocytes

B) Because it lacks one of the enzymes of the ketolytic pathway

C) Because it lacks the mitochondria required for ketone body oxidation

D) Because it lacks the cofactors necessary for the conversion of ketone bodies to acetyl-CoA

Answer: B

4. A patient presents to the emergency department with chest pain. Which of the following biomarkers would be MOST helpful in determining if the patient has experienced myocardial damage?

A) LDH

B) CK-MB

C) Myoglobin

D) ALT

Answer: B