

CVS-Biochemistry

Archive

Lecture 6

Cardiac biomarkers

Done by

Zaid frahat

CVS-Biochemistry **Lecture 6**

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

Which cardiac biomarker typically remains elevated for the longest duration, often detectable even after one week following myocardial infarction (heart attack)

- A) Myoglobin
- B) CK-MB (Creatine Kinase-MB)
- C) Cardiac Troponin I or T
- D) Creatine Kinase (CK)
- E) Lactate Dehydrogenase (LDH)

Answer: C

Which of the following cardiac biomarkers is now considered relatively obsolete due to the availability of more sensitive and specific alternatives

- A) LDH (Lactate Dehydrogenase)
- B) Myoglobin
- C) CK-MB (Creatine Kinase-MB)
- D) Troponin
- E) BNP (B-type Natriuretic Peptide)

Answer: A