

RS- Biochemistry

Archive

Lecture 4

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Wrong about hydrogen peroxide?

- A-It is lipid insoluble**
- B-its lipid insoluble**

Ans:a

1) According to Glutathione, one is wrong

- a. Tripeptide**
- b. composed of glutamate, cysteine and glycine**
- c. Glucine is highly reactive**
- d. sulphhydryl group is very reactive**
- e. sulphhydryl group provide electrons**

Ans:C

52) All of them true about a-tocopherol except:

- A)Is the most widely distributed antioxidant in nature**
- B)lipid-soluble antioxidant**
- C)lipid radicals produced in the lipid peroxidation chain reaction**
- D)food rich in vitamin E include olive oil, margarine, almonds, peanuts, meats, dairy and leafy greens**
- E) ascorbic acid regenerate the oxidised form of vit E.**

Ans:E

Peroxide group are generate ----- for killing invasive organisms by ----- :
A) OH, neutrophils B) Hypochlorous acid, neutrophils C) Superoxide radicals, macrophages D) Nitric oxide, eosinophils

Ans: B

The true is :

- **Superoxide dismutase known as primary defence against oxidative stress**

Which of the following statements about antioxidant enzymes is incorrect?

- .A) Superoxide dismutase is called the primary defense against oxidative stress
- .B) Glutathione peroxidase reduces hydrogen peroxide to nontoxic alcohols
- .C) Hydrogen peroxide is highly reactive but has limited lipid solubility
- .D) Catalase is found in peroxisomes and cytosol
- .E) GSSG is reduced to glutathione by glutathione reductase

Answer: A) Superoxide dismutase is called the primary defense against oxidative stress