CREATIVE BIOMART®
Assay Kit

Fatty Acid Synthase (FAS) Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Catalase (CAT) is a major antioxidant enzyme that decomposes hydrogen peroxide into water and oxygen, protecting cells from oxidative damage. CAT activity is commonly used to assess oxidative stress status in biological samples.
Principle of Measurement: CAT catalyzes the decomposition of H₂O₂, leading to a decrease in absorbance at 240 nm. The rate of absorbance decline is directly proportional to catalase activity.

Size

100t/96s

Storage

Store at -20 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Technical Notes

For measurements using a 96-well plate, a 96-well UV plate must be used.

Materials Required but Not Supplied

UV–visible spectrophotometer or microplate reader, benchtop centrifuge, adjustable pipettes, quartz cuvettes or 96-well plates, and distilled water.

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA