

PRODUCT DATA SHEET

Fluoro Catalase™ Fluorescence Catalase Detection Kit

Description

A sensitive assay that utilizes a non-fluorescent detection reagent to measure H₂O₂ substrate as a result of the reaction of catalase. The production of hydrogen peroxide in eukaryotic cells is an end product of various oxidases and superoxide dismutase reactions. Accumulation of H₂O₂ can result in cellular damage through oxidation of proteins, DNA and lipids thus resulting in cell death and mutagenesis.

Product Specifications

Kit Components:

1. 5x Reaction Buffer, 25 ml (Part 3021)
2. Detection Reagent (Part 4010)
3. Horseradish Peroxidase (HRP) (Part 6009)
4. Hydrogen Peroxide (Part 3022)
5. Catalase Enzyme (Part 6008)

Application: Fluorescence plate reader

Shipping: SHIPPED ON BLUE ICE

Long Term Storage: Store contents as labeled

Upon Arrival: 2 - 8 °C

Catalog Number/Sizes

Catalog #	Size (tests)
FLOCAT100-3	500

FOR RESEARCH USE ONLY.