Creative Enzymes®

Cholesterol Oxidase, PEG Modified

Cat. No. NATE-1588

Lot. No. (See product label)

Introduction

Description	PEG (Polyethylene glycol) modified cholesterol oxidase (Cholesterol oxidase PEG) is one of our premier cholesterol oxidase conjugates. Cholesterol oxidase is an enzyme that catalyzes the oxidation of cholesterol by oxygen into cholest-4-en-3-one and H2O2. This enzyme belongs to the family of oxidoreductases. Cholesterol oxidase has been used widely in the determination of serum cholesterol combined with other enzymes. PEG modified cholesterol oxidase provides better stability of this enzyme without major compromising its bioactivity. All our labeled cholesterol oxidase products were performed under mild reaction conditions to retain their maximum bioactivity. These conjugates were further purified by chromatography to ensure adequate applications both in-vitro and in-vivo.
Synonyms	PEG Cholesterol Oxidase; Cholesterol Oxidase-polyethylene glycol; CHOD-polyethylene glycol; CHOD-PEG; PEG-CHOD; PEG-Cholesterol Oxidase

Product Information

Source	Microorganism
Form	Lyophilized powder
Molecular Weight	~61.8 kD
Activity	>10 units/mg solid

Storage and Shipping Information

Storage	Store at -20°C