CREATIVE BIOMART®
Assay Kit

Histone Acetyltransferase Activity Colorimetric Assay Kit

Product Information

Cat.No. Kit-0410

Product Overview

Histone Acetyltransferase Activity Assay Kit offers a convenient, nonradioactive system for a rapid and sensitive detection of HAT activity in mammalian samples. The kit utilizes active Nuclear Extract (NE) as a positive control and acetyl-CoA as a cofactor. Acetylation of peptide substrate by active HAT releases the free form of CoA which then serves as an essential coenzyme for producing NADH. NADH can easily be detected spectrophotometrically upon reacting with a soluble tetrazolium dye. The detection can be continuous and suitable for kinetic studies. The kit provides a simple, straightforward protocol for a complete assay.

Size

100 x 1 assay

Description

Histone acetyltransferases (HATs) have been implicated to play a crucial role in various cellular functions, such as gene transcription, differentiation, and proliferation.

Applications

Functional Studies

Target Species

Reacts with: all Mammals

Storage

Store kit at -80°C.

Kit Components

Components Identifier 100 tests2X HAT Assay Buffer Amber 1 x 7.5mlHAT Reconstitution Buffer Clear 1 x 1.8mlHAT Substrate I Blue 1 vialHAT Substrate II Purple 1 vialNADH Generating Enzyme Green 1 x 800µlNuclear Extract (4 mg/ml) Red 1 x 50µl

Compatible Sample Types

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

CREATIVE BIOMART®
Assay Kit

Histone Acetyltransferase Activity Colorimetric Assay Kit

Tissue Extracts, Cell Lysate

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