CREATIVE BIOMART®
Assay Kit

Isocitrate Dehydrogenase Colorimetric Assay Kit

Product Information

Cat.No.	Kit-0474

Product Overview

Isocitrate Dehydrogenase Assay Kit (Colorimetric) provides a convenient tool for sensitive detection of NAD (+)/NADP (+)-dependent or both IDHs in a variety of samples. The IDHs utilize isocitrate as a specific substrate leading to a proportional color development and can be easily quantified colorimetrically (λ = 450 nm) with detection sensitivity as low as 0.01 mU.

Size

100 x 1 assay

Applications

Functional Studies

Storage

Store the kit at -20°C, protect from light

Kit Components

Components Identifier 100 testsDeveloper (lyophilized) Purple 1 vialIDH Assay Buffer WM 1 x 25mlIDH Positive Control (NADP+) Green 1 x 20µlIDH Substrate (lyophilized) Red 1 vialNAD+ (lyophilized) Blue 1 vialNADH Standard (lyophilized) Yellow 1 vialNADP+ (lyophilized) Brown 1 vial

Sensitivity

>0.01 mU/well

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