

# 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 ( $\lambda = 450 \text{ nm}$ ) with detection sensitivity as low as 0.01 mU.

### Size

100 x 1 assay

### Applications

Functional Studies

### Storage

Store the kit at  $-20^{\circ}\text{C}$ , protect from light

### Kit Components

Components Identifier 100 tests Developer (lyophilized) Purple 1 vial IDH Assay Buffer WM 1 x 25 ml IDH Positive Control (NADP+) Green 1 x 20  $\mu\text{l}$  IDH Substrate (lyophilized) Red 1 vial NAD+ (lyophilized) Blue 1 vial NADH Standard ( lyophilized) Yellow 1 vial NADP+ (lyophilized) Brown 1 vial

### Sensitivity

$>0.01 \text{ mU/well}$