

Isocitrate Dehydrogenase Colorimetric Assay Kit

Cat. No. Kit-0474 **Lot. No.** (See product label)

SPECIFICATION

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°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 20 μ lIDH 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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