CREATIVE BIOMART®
Assay Kit

COX Colorimetric Inhibitor Screening Assay Kit

Product Information

Cat.No.	Kit-1941

Size

192 wells

Description

The COX Colorimetric Inhibitor Screening Assay measures the peroxidase component of cyclooxygenases. The peroxidase activity is assayed colorimetrically by monitoring the appearance of oxidized N,N,N,N-tetramethyl-p-phenylenediamine (TMPD) at 590 nm.1 Inhibition of COX activity, measured by TMPD oxidation, by a variety of selective and nonselective inhibitors, shows changed potencies similar to those observed with other in vitro methods. The COX Colorimetric Inhibitor Screening assay includes both ovine COX-1 and human recombinant COX-2 enzymes in order to screen isozyme-specific inhibitors. The COX Colorimetric Assay is a time saving tool for screening vast numbers of inhibitors.

Storage

-80°C

Kit Components

Assay Buffer (10X): 2 vials; -20°CHeme: 2 vials; -20°CCOX Colorimetric Assay COX-1 (ovine): 1 vial; -80°CCOX Colorimetric Assay COX-2 (human): 1 vial; -80°CArachidonic Acid (substrate): 2 vials; -20°CPotassium Hydroxide: 2 vials; -20°CColorimetric Substrate: 2 vials; -20°C96-Well Plate (Colorimetric Assay): 2 plates; RT96-Well Cover Sheet: 2 covers; RT

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