COX Colorimetric Inhibitor Screening Assay Kit

Cat. No. Kit-1941 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
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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