

Cyclooxygenase (COX) Activity Assay Kit | COX assay kit

Cyclooxygenase (COX) Activity Fluorometric Assay Kit

CATALOG #
AAA179632

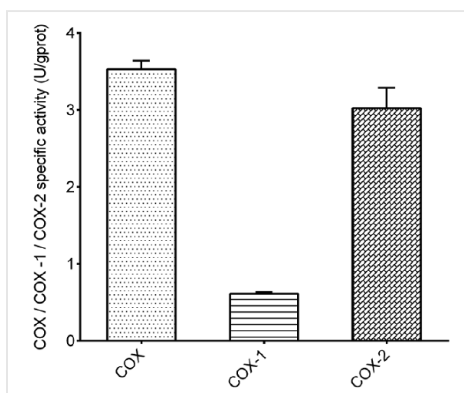
PRODUCT SYNONYMS

Cyclooxygenase (COX) Activity; Cyclooxygenase (COX) Activity Fluorometric Assay Kit; COX assay kit

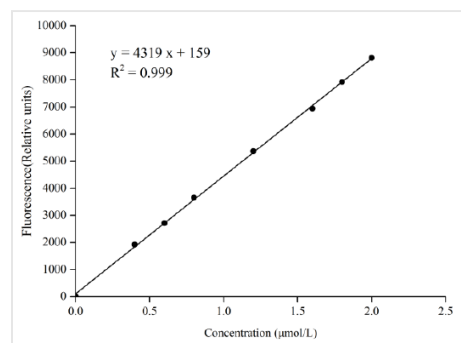
PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	animal tissue
Detection Range	0.03-9.66 U/L
Sensitivity	0.03 U/L
Detection Type	Fluorescence method
Detection Instrument	Fluorescence Microplate reader
Precision	Inter CV: 5.0-7.0% Intra CV: 3.5-5.0%
Research Area	Metabolic Diseases
Test Principle	Arachidonic acid generates prostaglandins under the catalysis of cyclooxygenase, and under the action of cofactor (heme), cyclooxygenase activates peroxidase activity, converting fluorescent red into fluorescent substance.
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for COX
assay kit

Cell Metabolism Assays; Metabolic Diseases

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/cyclooxygenase-cox-activity/179632>