

Carboxylesterase (CES) Assay Kit | CES assay kit

Carboxylesterase (CES) Activity Colorimetric Assay Kit

CATALOG #
AAA179677

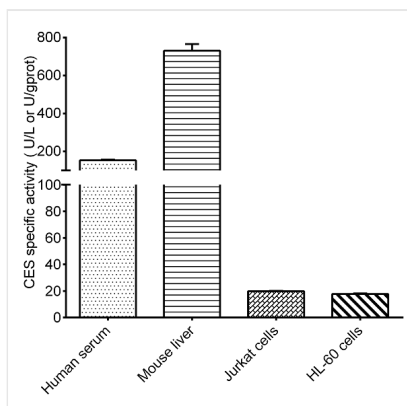
PRODUCT SYNONYMS

Carboxylesterase (CES); Carboxylesterase (CES) Activity Colorimetric Assay Kit; CES assay kit

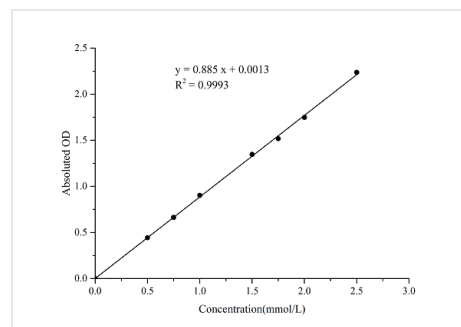
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Enzyme Activity
Samples	Serum, Plasma, Animal tissue, Cell
Detection Range	0.3-168.4U/L
Sensitivity	0.3U/L
Precision	Intra-assay CV: 1.8-5.1% Inter-assay CV: 2.7-11.0%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for CES assay kit

Carboxylesterase (CES) is a polymeric protein that can catalyze the hydrolysis of carboxylate, thioester, carbamate and amide esters. CES can release effective drugs from some insoluble carboxylate prodrugs through hydrolysis reaction according to its hydrolysis characteristics. Secondly, due to its high catalytic efficiency and high specificity, CES can also regulate various metabolic functions (metabolism of ester substances, gene expression, material transport and detoxification, etc.). Therefore, detecting the activity of CES is of great significance for the early identification of cancer and the research of biomedicine. CES catalyzed substrate reaction to produce chromogenic substance has maximum absorption at wavelength 405nm, and CES enzyme activity is calculated by measuring OD value at 405nm.

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/carboxylesterase-ces/179677>