

Cholinesterase (CHE) Assay Kit | CHE assay kit

Cholinesterase (CHE) Activity Assay Kit

CATALOG #
AAA178082

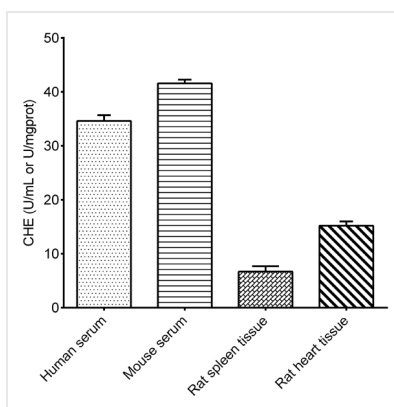
PRODUCT SYNONYMS

Cholinesterase (CHE); Cholinesterase (CHE) Activity Assay Kit; CHE assay kit

PRODUCT SPECIFICATIONS

Form/Format	Normal saline (0.9% NaCl)
Samples	Serum (plasma) and animal tissue samples
Detection Range	2.17-71.33U/mL
Sensitivity	2.17U/mL
Intra-assay Precision	2.4
Inter-assay Precision	6.4
Preparation and Storage	Store at 2-8 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for CHE assay kit

Background: In the body, the main type of cholinesterase (ChE) is acetylcholinesterase (AChE), which is mainly found in the brain and red blood cell membranes. The other type is butyrylcholinesterase (BChE), which is mainly found in plasma. Both forms differ in genetics, structure, and dynamics. ChE is involved in the pathogenesis of some neurodegenerative and related diseases

Principle of the Assay: Cholinesterase breaks down acetylcholine into choline and acetic acid. Acetylcholine that is not hydrolyzed by cholinesterase reacts with hydroxylamine to form acetamidamine. It reacts in an acidic solution to form a brown-red hydroxamate iron complex. The color depth is directly proportional to the amount of remaining acetylcholine, which can be colorimetrically quantified. Cholinesterase activity was calculated.

Product Categories/Family for CHE assay kit

Metabolism assay kit; Liver biomarkers

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/cholinesterase-che/178082>