

Pepsin Assay Kit

Pepsin Activity Assay Kit

CATALOG #
AAA178642

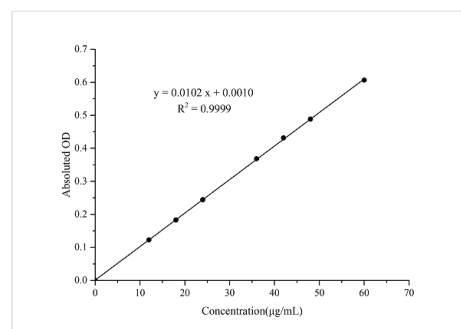
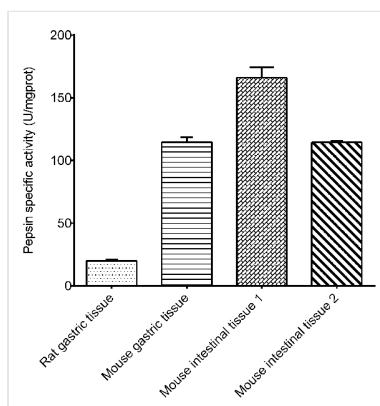
PRODUCT SYNONYMS

Pepsin; Pepsin Activity Assay Kit; Pepsin assay kit

PRODUCT SPECIFICATIONS

Samples	gastric, intestinal tissue
Detection Range	0.63-94.98 U/mL
Sensitivity	0.63 U/mL
Detection Method	Colorimetric method
Detection Instrument	Microplate reader
Assay Time	20 min
Research Area	Amino Acids and Proteins
Test Principle	Pepsin can catalyze substrate hydrolysis, and the hydrolysate reacts with the chromogenic agent under alkaline conditions to form a blue substance. The blue substance has a maximum absorption peak at 660 nm, and the color depth is proportional to the activity of pepsin. The enzyme activity can be calculated by OD value
Precision	Inter Assay CV: 4.8-5.6% Intra Assay CV: 1.3-2.2%
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Ship: Ice bag

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Product Categories/Family for Pepsin assay kit

Metabolism Assay; Cell Metabolism Assays; Amino Acids and Proteins; Enzyme Activity

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/pepsin/178642>