

Maltase Assay Kit

Maltase Activity Assay Kit

CATALOG #
AAA177784

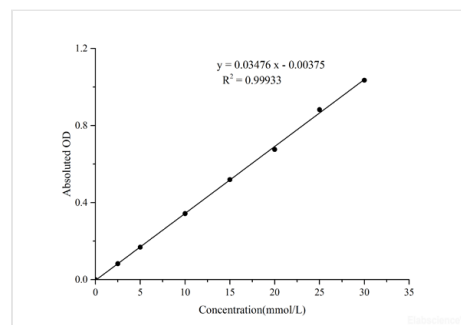
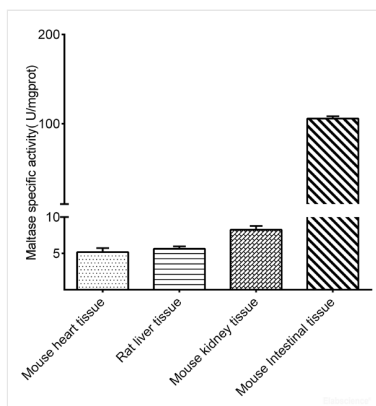
PRODUCT SYNONYMS

Maltase; Maltase Activity Assay Kit; Maltase assay kit

PRODUCT SPECIFICATIONS

Samples	Animal tissue samples
Detection Range	6.32-750 U/mL
Sensitivity	6.32 U/mL
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for Maltase assay kit

Intended Uses: This kit can measure maltase activity in animal tissue samples.

Principle of the Assay: Maltase catalyze the corresponding substrate to produce monosaccharide. Monosaccharide produce hydrogen peroxide under the action of oxidase. Hydrogen peroxide react with chromogenic agent to form red product. The activity of maltase can be calculated by detection the optical density with spectrophotometer at 505 nm.

Background/Introduction: Maltose (EC 3.2.1.20) is a disaccharase that mainly exists in the brush border of epithelial cells and belongs to lysosomal enzymes. Maltase can catalyze the hydrolysis of maltose to the monosaccharide glucose, which also exists in plants, bacteria and yeast.

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.