

beta-galactosidase (beta-GAL) Assay Kit | beta-GAL assay kit

beta-galactosidase (beta-GAL) Activity Assay Kit

CATALOG #
AAA178087

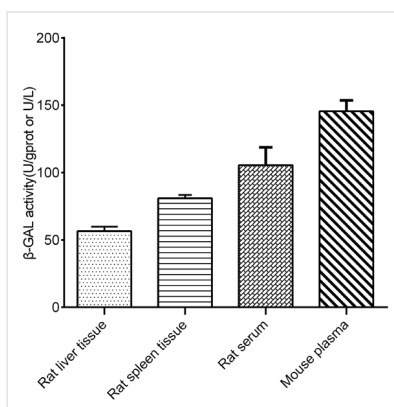
PRODUCT SYNONYMS

beta-galactosidase (beta-GAL); beta-galactosidase (beta-GAL) Activity Assay Kit; beta-GAL assay kit

PRODUCT SPECIFICATIONS

Form/Format	2 mmol/L hydrochloric acid
Samples	Serum (plasma), cells, animal and plant tissue samples
Detection Range	16.19-1200U/L
Sensitivity	16.19U/L
Intra-assay Precision	3
Inter-assay Precision	6
Preparation and Storage	Reagent 2: Store at -20 degree C; Others: Store at 2-8 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for beta-GAL assay kit

Background: beta-galactosidase (beta-GAL) can catalyze the hydrolysis of lactose and glycoside conversion., widely involved in the growth and development of plants and the synthesis of plant cell walls. beta-galactosidase can hydrolyze lactose from milk and whey to produce galactose and glucose, and can also be used to treat lactose intolerance caused by lactose deficiency in human body. In addition, the study of beta-galactosidase plays an important role in the field of biotechnology, such as gene engineering, enzyme engineering and protein engineering.

Principle of the Assay: beta-galactosidase can catalyze the substrate nitrophenylgalactoside pyranopyranoside to produce nitrophenol, which has a maximum absorption peak at 400 nm. The activity of beta-GAL can be calculated by measuring the OD value at 400 nm.

Product Categories/Family for beta-GAL assay kit

Metabolism assay kit; Enzymes

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/beta-galactosidase-beta-gal/178087>