

Rat alpha-Glucosidase, a-Glu ELISA Kit | a-Glu elisa kit

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CATALOG #
AAA42230

REACTIVITY
Rat

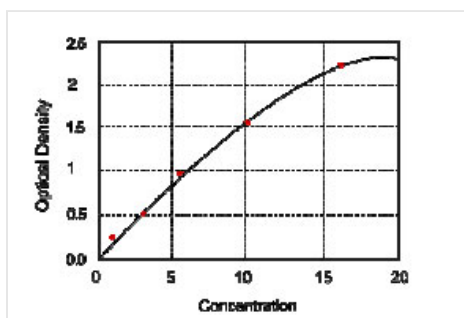
PRODUCT SYNONYMS

alpha-Glucosidase; a-Glu; Rat alpha-Glucosidase; a-Glu ELISA Kit; a-Glu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	800
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.25ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for a-Glu elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Alpha-Glucosidase (also known as a-GLU) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat a-GLU antibody. a-GLU present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat a-GLU Antibody is added and binds to a-GLU in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated a-GLU antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat a-GLU. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	309389364
Molecular Weight	93,827 Da
NCBI Official Full Name	Alpha-glucosidase
UniProt Protein Name	Alpha-glucosidase
UniProt Gene Name	Hprae_1093

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/rat-elisa-kits/alpha-glucosidase-a-glu/42230>