

Human Beta-amylase (beta-amylase) ELISA Kit | BMY1 elisa kit

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CATALOG #
AAA44245

REACTIVITY
Human

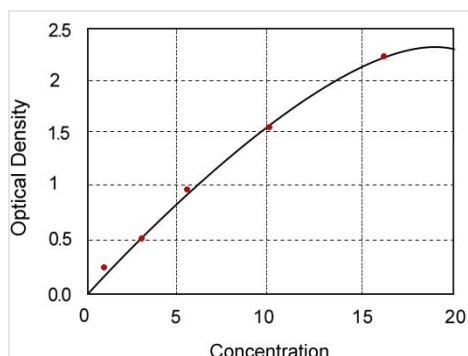
PRODUCT SYNONYMS

Beta-amylase (beta-amylase); Human Beta-amylase (beta-amylase) ELISA Kit; BMY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	496
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.26ng/ml
Intra-Assay	CV<8%
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 BMY1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Beta-amylase (also known as α -amylase) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human α -amylase antibody. α -amylase present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human α -amylase Antibody is added and binds to α -amylase in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated α -amylase 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 human α -amylase. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1200005326
NCBI GeneID	547931
NCBI Accession #	NP_001236247.2
NCBI GenBank Nucleotide #	NM_001249318.2
UniProt Accession #	P10538
Molecular Weight	56,143 Da
NCBI Official Full Name	beta-amylase
NCBI Official Symbol	BMY1
NCBI Official Synonym Symbols	Gm-BamyDam; Gm-BamyKza
NCBI Protein Information	beta-amylase
UniProt Protein Name	Beta-amylase
UniProt Gene Name	BMY1

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/human-elisa-kits/beta-amylase-beta-amylase/44245>