

Human Sucrase Isomaltase (SI) ELISA Kit | SI elisa kit

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CATALOG #
AAA44214

REACTIVITY
Human

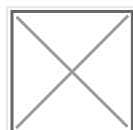
PRODUCT SYNONYMS

Sucrase Isomaltase (SI); Human Sucrase Isomaltase (SI) ELISA Kit; SI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1827
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.028ng/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 SI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Sucrase Isomaltase (also known as SI) 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 SI antibody. SI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SI Antibody is added and binds to SI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SI 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 SI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157364974
NCBI GeneID	6476
NCBI Accession #	NP_001032.2

NCBI GenBank Nucleotide #	NM_001041.3
UniProt Accession #	P14410; Q1JQ80; Q1RMC2; A2RUC3
Molecular Weight	209,453 Da
NCBI Official Full Name	sucrase-isomaltase, intestinal
NCBI Official Synonym Full Names	sucrase-isomaltase
NCBI Official Symbol	SI
NCBI Protein Information	sucrase-isomaltase, intestinal
UniProt Protein Name	Sucrase-isomaltase, intestinal
UniProt Gene Name	SI

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/sucrase-isomaltase-si/44214>