

Human SPTBN1 (Spectrin beta chain, non-erythrocytic 1) ELISA Kit | SPTBN1 elisa kit

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CATALOG # AAA249301	REACTIVITY Human
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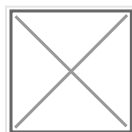
PRODUCT SYNONYMS

SPTBN1 (Spectrin beta chain; non-erythrocytic 1); Human SPTBN1 (Spectrin beta chain; non-erythrocytic 1) ELISA Kit; Spectrin beta chain; non-erythrocytic 1; Beta-II spectrin; Fodrin beta chain; Spectrin; non-erythroid beta chain 1; SPTBN1; SPTB2; SPTBN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SPTBN1. No significant cross-reactivity or interference between SPTBN1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPTBN1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112382250
NCBI GeneID	6711
NCBI Accession #	NP_003119.2
NCBI GenBank Nucleotide #	NM_003128.2

UniProt Accession #	Q01082; O60837; Q16057; Q53R99; Q59ER3; Q8IX99; B2RP63
Molecular Weight	Observed MW:275kDa Calculated MW:251kDa/253kDa/274kDa
NCBI Official Full Name	spectrin beta chain, non-erythrocytic 1 isoform 1
NCBI Official Synonym Full Names	spectrin, beta, non-erythrocytic 1
NCBI Official Symbol	SPTBN1
NCBI Official Synonym Symbols	ELF; SPTB2; betaSpII
NCBI Protein Information	spectrin beta chain, non-erythrocytic 1; beta-fodrin; beta-G spectrin; beta-spectrin 2; beta-II spectrin; beta-spectrin II; fodrin beta chain; embryonic liver beta-fodrin; spectrin beta chain, brain 1; beta-spectrin non-erythrocytic 1; spectrin, non-eryth
UniProt Protein Name	Spectrin beta chain, non-erythrocytic 1
UniProt Gene Name	SPTBN1
UniProt Synonym Gene Names	SPTB2
UniProt Entry Name	SPTB2_HUMAN

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/sptbn1-spectrin-beta-chain-non-erythrocytic-1/249301>