

Human Spectrin alpha chain, erythrocyte ELISA Kit | SPTA1 elisa kit

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CATALOG #
AAA196377

REACTIVITY
Human

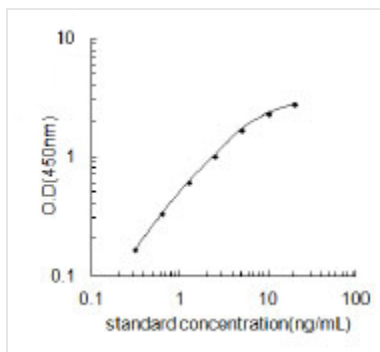
PRODUCT SYNONYMS

Spectrin alpha chain; erythrocyte; Human Spectrin alpha chain; erythrocyte ELISA Kit; Erythroid alpha-spectrin; SPTA1; SPTA; SPTA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Mouse Coenzyme Q-binding protein COQ10 homolog B, mitochondrial
Sequence Length	2419
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.177 ng/mL
Intra-assay Precision	Intra-Assay CV: <=7.3%
Inter-assay Precision	Inter-Assay CV: <=9.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPTA1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115298659
NCBI GeneID	6708
NCBI Accession #	NP_003117.2
NCBI GenBank Nucleotide #	NM_003126.2
Molecular Weight	279,674 Da
NCBI Official Full Name	spectrin alpha chain, erythrocytic 1
NCBI Official Synonym Full Names	spectrin alpha, erythrocytic 1
NCBI Official Symbol	SPTA1
NCBI Official Synonym Symbols	EL2; HPP; HS3; SPH3; SPTA
NCBI Protein Information	spectrin alpha chain, erythrocytic 1
UniProt Protein Name	Spectrin alpha chain, erythrocytic 1
UniProt Gene Name	SPTA1
UniProt Synonym Gene Names	SPTA
UniProt Entry Name	SPTA1_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/spta1-human-elisa-kits/spectrin-alpha-chain-erythrocyte/196377>