

Mouse Spectrin alpha chain, brain ELISA Kit | Sptan1 elisa kit

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CATALOG #
AAA190724

REACTIVITY
Mouse

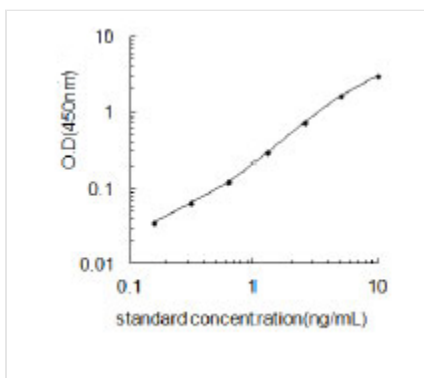
PRODUCT SYNONYMS

Spectrin alpha chain; brain; Mouse Spectrin alpha chain; brain ELISA Kit; Alpha-II spectrin; Fodrin alpha chain; Spectrin; non-erythroid alpha chain; Sptan1; Spna2; Spta2; Sptan1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Spectrin alpha chain, brain
Sequence Length	2472
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	<0.08 ng/mL
Intra-assay Precision	Intra-Assay CV: <=6.2%
Inter-assay Precision	Inter-Assay CV: <=8.7%
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 Sptan1 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 #	122066202
NCBI GeneID	20740
UniProt Accession #	P16546; Q8K380; Q9CT05; A3KGU6; A3KGU8
Molecular Weight	282,340 Da
NCBI Official Full Name	Spectrin alpha chain, non-erythrocytic 1
NCBI Official Synonym Full Names	spectrin alpha, non-erythrocytic 1
NCBI Official Symbol	Sptan1
NCBI Official Synonym Symbols	Spna2; Spna-2; 2610027H02Rik
NCBI Protein Information	spectrin alpha chain, non-erythrocytic 1
UniProt Protein Name	Spectrin alpha chain, non-erythrocytic 1
UniProt Gene Name	Sptan1
UniProt Synonym Gene Names	Spna2; Spta2
UniProt Entry Name	SPTN1_MOUSE

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/sptan1-mouse-elisa-kits/spectrin-alpha-chain-brain/190724>