

Human Spectrin alpha chain ELISA Kit | SPTAN1 elisa kit

Human Spectrin alpha chain, brain ELISA Kit

CATALOG #
AAA309967

REACTIVITY
Human

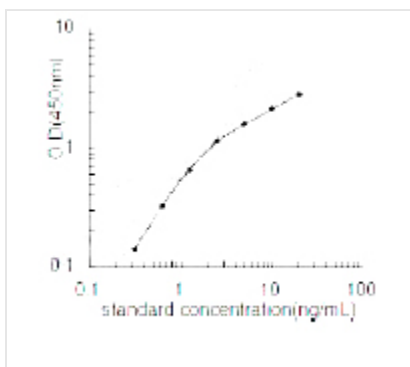
PRODUCT SYNONYMS

Spectrin alpha chain; Human Spectrin alpha chain; brain ELISA Kit; brain; Alpha-II spectrin; Fodrin alpha chain; Spectrin; non-erythroid alpha chain; SPTAN1; SPTA2; SPTAN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Spectrin alpha chain, brain. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31ng/ml -20.0ng/ml.
Preparation and Storage	Store at 4 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 human Spectrin alpha chain, brain concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Spectrin alpha chain, brain. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Spectrin alpha chain, brain and 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 Spectrin alpha chain, brain, 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 Spectrin alpha chain, brain in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194595509
NCBI GeneID	6709
NCBI Accession #	NP_001123910.1
NCBI GenBank Nucleotide #	NM_001130438.2
UniProt Accession #	Q13813; Q13186; Q15324; Q16606; Q59EF1; Q5VXV5; Q5VXV6; Q7Z6M5; Q9P0V0
Molecular Weight	282,282 Da
NCBI Official Full Name	spectrin alpha chain, non-erythrocytic 1 isoform 1
NCBI Official Synonym Full Names	spectrin alpha, non-erythrocytic 1
NCBI Official Symbol	SPTAN1
NCBI Official Synonym Symbols	NEAS; EIEE5; SPTA2
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	NEAS; SPTA2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sptan1-human-elisa-kits/spectrin-alpha-chain/309967>