

Human SPTAN1 (Alpha-Fodrin) CLIA Kit | SPTAN1 clia kit

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CATALOG #
AAA170985

REACTIVITY
Human

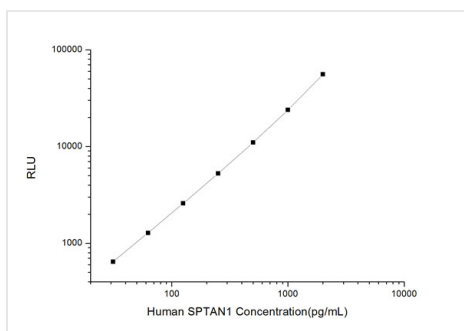
PRODUCT SYNONYMS

SPTAN1 (Alpha-Fodrin); Human SPTAN1 (Alpha-Fodrin) CLIA Kit; SPTAN1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant SPTAN1. No significant cross-reactivity or interference between SPTAN1 and analogues was observed.
Sequence Length	920
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPTAN1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of SPTAN1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to SPTAN1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SPTAN1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain SPTAN1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of SPTAN1. You can calculate the concentration of SPTAN1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	537331
NCBI GeneID	6709
Molecular Weight	282,282 Da
NCBI Official Full Name	alpha-fodrin, partial
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
UniProt Entry Name	SPTN1_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-clia-kits/sptan1-alpha-fodrin/170985>