

Human Alpha-Fodrin ELISA Kit | SPTAN1 elisa kit

Human Alpha-Fodrin ELISA Kit

CATALOG #
AAA97920

REACTIVITY
Human

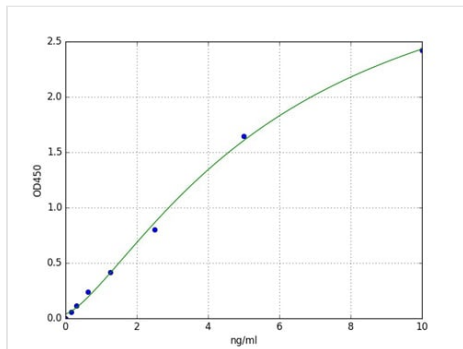
PRODUCT SYNONYMS

Alpha-Fodrin; Human Alpha-Fodrin ELISA Kit; SPTAN1/Alpha-Fodrin; SPTAN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	920
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human SPTAN1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.039	0.214	0.346	0.600	1.020	1.349	1.809	2.220

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPTAN1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human SPTAN1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SPTAN1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human SPTAN1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SPTAN1 can be calculated.

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://www.aaabiotech.com/sptan1-human-elisa-kits/alpha-fodrin/97920>