Mouse Striatin-4 (STRN4) ELISA Kit | STRN4 elisa kit

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CATALOG #	REACTIVITY
AAA332285	**Mouse**

PRODUCT SYNONYMS

Striatin-4 (STRN4); Mouse Striatin-4 (STRN4) ELISA Kit; STRN4; FLJ35594; ZIN; zinedin; STRN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Striatin-4 (STRN4) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse STRN4. No significant cross-reactivity or interference between Mouse STRN4 and analogues was observed.
Sequence Length	753
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES

Standard Curve (Sample)
Fig.1. Mouse Striatin-4 (STRN4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for STRN4 elisa kit	Description: This Mouse Striatin-4 (STRN4) ELISA Kit employs a two-site sandwich ELISA to quantitate STRN4 in samples. An antibody specific for STRN4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STRN4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STRN4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of STRN4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Zinedin, a "novel" protein described here, and SG2NA share with striatin identical protein-protein interaction domains and the same overall domain structure. A phylogenetic analysis supports the hypothesis that they constitute a multigenic family deriving from an ancestral gene. DNA probes and antibodies raised against specific domains of each protein showed that zinedin is mainly expressed in the central nervous system, whereas SG2NA, of more widespread occurrence, is mainly expressed in the brain and muscle. All three proteins are both cytosolic and membrane-bound. All three bind calmodulin in the presence of Ca(2+). In rat brain, SG2NA and striatin are generally not found in the same neurons. Both localize to the soma and dendrites, suggesting that they share a similar type of addressing and closely related functions.

NCBI AND UNIPROT INFORMATION

NCBI GI #	89886486
NCBI GeneID	97387
NCBI Accession #	NP_001034967.1
NCBI GenBank Nucleotide #	NP_001034967.1
UniProt Accession #	P58404
NCBI Official Full Name	striatin-4 isoform 2
NCBI Official Synonym Full Names	striatin, calmodulin binding protein 4
NCBI Official Symbol	Strn4
NCBI Official Synonym Symbols	ZIN; C80611; zinedin
NCBI Protein Information	striatin-4
UniProt Protein Name	Striatin-4
UniProt Gene Name	**Strn4**
UniProt Synonym Gene Names	Zin
UniProt Entry Name	STRN4_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/mouse-elisa-kits/striatin-4-strn4/332285