

Mouse Striatin-3 (STRN3) ELISA Kit | STRN3 elisa kit

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CATALOG #
AAA332284

REACTIVITY
Mouse

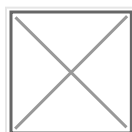
PRODUCT SYNONYMS

Striatin-3 (STRN3); Mouse Striatin-3 (STRN3) ELISA Kit; STRN3; SG2NA; cell cycle S/G2 nuclear autoantigen; nuclear autoantigen; STRN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Striatin-3 (STRN3) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse STRN3. No significant cross-reactivity or interference between Mouse STRN3 and analogues was observed.
Sequence Length	796
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-3 (STRN3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for STRN3 elisa kit	Description: This Mouse Striatin-3 (STRN3) ELISA Kit employs a two-site sandwich ELISA to quantitate STRN3 in samples. An antibody specific for STRN3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STRN3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STRN3 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 STRN3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Anovel nuclear protein mainly expressed in S and G2 phase cells was characterized using autoantibodies from a cancer patient. cDNA clones were isolated by immunoscreening, and sequence analysis revealed that the cDNA clones encoded a 713-amino acid residue polypeptide which is provisionally named SG2NA. In the carboxyl terminal half of SG2NA, there are 6 copies of WD-40 motifs characteristic of a large family of proteins of which the prototype is beta-transducin/enhancer of split (TLE). In addition, there are nuclear localization sequence and phosphorylation sites related to the TLE proteins. Autoantibodies occurring spontaneously in certain cancer patients have been useful reagents for identifying cellular proteins and this is the first report of a novel WD-40 protein which is the target of an autoimmune response.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16418469
NCBI GeneID	94186
NCBI Accession #	NP_443205.1
NCBI GenBank Nucleotide #	NP_443205.1
UniProt Accession #	Q9ERG2
NCBI Official Full Name	striatin-3 isoform 1
NCBI Official Synonym Full Names	striatin, calmodulin binding protein 3
NCBI Official Symbol	Strn3
NCBI Official Synonym Symbols	Gs2na; SG2NA
NCBI Protein Information	striatin-3
UniProt Protein Name	Striatin-3
UniProt Gene Name	Strn3
UniProt Synonym Gene Names	Gs2na; Sg2na
UniProt Entry Name	STRN3_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-3-strn3/332284>