

Mouse Tyrosine-Protein Kinase Srms (SRMS) ELISA Kit | SRMS elisa kit

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CATALOG #
AAA332269

REACTIVITY
Mouse

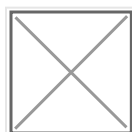
PRODUCT SYNONYMS

Tyrosine-Protein Kinase Srms (SRMS); Mouse Tyrosine-Protein Kinase Srms (SRMS) ELISA Kit; SRMS; C20orf148; SRM; dJ697K14.1; SRMS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tyrosine-protein kinase Srms (SRMS) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SRMS. No significant cross-reactivity or interference between Mouse SRMS and analogues was observed.
Sequence Length	496
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 Tyrosine-protein kinase Srms (SRMS) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SRMS elisa kit	Description: This Mouse Tyrosine-protein kinase Srms (SRMS) ELISA Kit employs a two-site sandwich ELISA to quantitate SRMS in samples. An antibody specific for SRMS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SRMS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SRMS 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 SRMS bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: It has SH2, SH2', and SH3 domains and a tyrosine residue for autophosphorylation in the kinase domain but lacks an N-terminal glycine for myristylation and a C-terminal tyrosine which, when phosphorylated, suppresses kinase activity. These are structural features of the recently identified Tec family of nonreceptor tyrosine kinases. The Srm N-terminal unique domain, however, lacks the structural characteristics of the Tec family kinases, and the sequence similarity is highest to Src in the SH region. Mutant mice were generated by gene targeting in embryonic stem cells but displayed no apparent phenotype as in mutant mice expressing Src family kinases. These results suggest that Srm constitutes a new family of nonreceptor tyrosine kinases that may be redundant in function.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27808677
NCBI GeneID	20811
UniProt Accession #	Q62270
NCBI Official Full Name	Tyrosine-protein kinase Srms
NCBI Official Synonym Full Names	src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites
NCBI Official Symbol	Srms
NCBI Official Synonym Symbols	srm; A230069J08Rik
NCBI Protein Information	tyrosine-protein kinase Srms
UniProt Protein Name	Tyrosine-protein kinase Srms
UniProt Gene Name	Srms
UniProt Synonym Gene Names	Srm
UniProt Entry Name	SRMS_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/tyrosine-protein-kinase-srms-srms/332269>