

Mouse Fibroblast Growth Factor Receptor Substrate 2 ELISA Kit | FRS2 elisa kit

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CATALOG #
AAA102337

REACTIVITY
Mouse

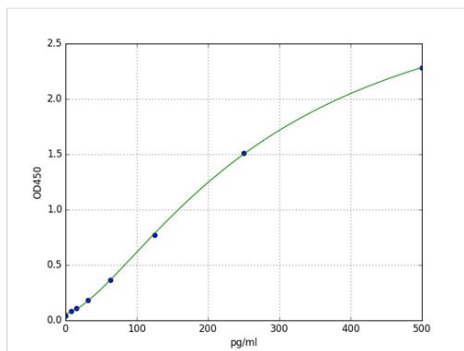
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor Substrate 2; Mouse Fibroblast Growth Factor Receptor Substrate 2 ELISA Kit; FRS2/FRS2alpha/SNT1/FGFR signalling adaptor/FGFR-signaling adaptor SNT/fibroblast growth factor receptor substrate 2/FRS2A/FRS2alpha/SNT/SNT1/SNT-1FGFR substrate 2/Suc1-associated neurotrophic factor target 1; FRS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	508
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/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 Mouse FRS2 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	pg/ml	0	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.050	0.108	0.158	0.259	0.503	0.983	1.822	2.723

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FRS2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse FRS2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse FRS2 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 Mouse FRS2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse FRS2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	507834075
NCBI GeneID	10818
NCBI Accession #	NP_001265286.1
NCBI GenBank Nucleotide #	NM_001278357.1
Molecular Weight	57,029 Da
NCBI Official Full Name	fibroblast growth factor receptor substrate 2
NCBI Official Synonym Full Names	fibroblast growth factor receptor substrate 2
NCBI Official Symbol	FRS2
NCBI Official Synonym Symbols	SNT; SNT1; FRS2A; SNT-1; FRS2alpha
NCBI Protein Information	fibroblast growth factor receptor substrate 2
UniProt Protein Name	Fibroblast growth factor receptor substrate 2
UniProt Gene Name	FRS2
UniProt Synonym Gene Names	FGFR substrate 2; SNT-1
UniProt Entry Name	FRS2_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/frs2-mouse-elisa-kits/fibroblast-growth-factor-receptor-substrate-2/102337>