

Fibroblast Growth Factor Receptor Substrate 3 (FRS3) CLIA Kit | FRS3 clia kit

CLIA Kit for Fibroblast Growth Factor Receptor Substrate 3 (FRS3)

CATALOG #
AAA130385

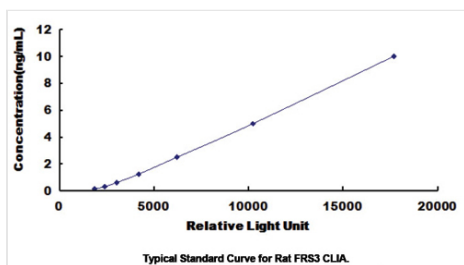
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor Substrate 3 (FRS3); CLIA Kit for Fibroblast Growth Factor Receptor Substrate 3 (FRS3); FRS3 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Fibroblast Growth Factor Receptor Substrate 3 (FRS3) No significant cross-reactivity or interference between Fibroblast Growth Factor Receptor Substrate 3 (FRS3) and analogues was observed.
Sequence Length	492
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.059ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fibroblast Growth Factor Receptor Substrate 3 (FRS3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fibroblast Growth Factor Receptor Substrate 3 (FRS3) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Rattus norvegicus (Rat)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FRS3 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Fibroblast Growth Factor Receptor Substrate 3 (FRS3) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5730059
NCBI GeneID	10817
NCBI Accession #	NP_006644.1
NCBI GenBank Nucleotide #	NM_006653.4
UniProt Accession #	O43559; Q5T3D5
Molecular Weight	54,462 Da
NCBI Official Full Name	fibroblast growth factor receptor substrate 3
NCBI Official Synonym Full Names	fibroblast growth factor receptor substrate 3
NCBI Official Symbol	FRS3
NCBI Official Synonym Symbols	SNT2; FRS2B; SNT-2; FRS2beta; FRS2-beta
NCBI Protein Information	fibroblast growth factor receptor substrate 3; FGFR substrate 3; FGFR-signaling adaptor SNT2; suc1-associated neurotrophic factor target 2 (FGFR signalling adaptor)
UniProt Protein Name	Fibroblast growth factor receptor substrate 3
UniProt Gene Name	FRS3
UniProt Synonym Gene Names	FGFR substrate 3; SNT-2
UniProt Entry Name	FRS3_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/clia-kits/fibroblast-growth-factor-receptor-substrate-3-frs3/130385>