

Human Fibroblast Growth Factor Receptor SubstRate 2 ELISA Kit | FRS2 elisa kit

Human Fibroblast Growth Factor Receptor SubstRate 2 ELISA Kit

CATALOG #
AAA82930

REACTIVITY
Human

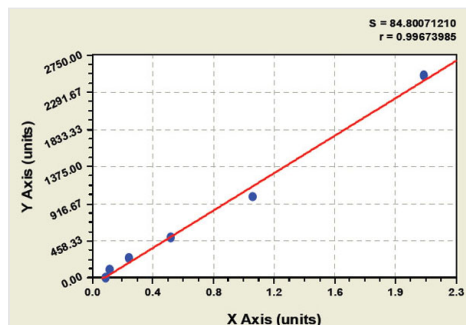
PRODUCT SYNONYMS

Fibroblast Growth Factor Receptor SubstRate 2; Human Fibroblast Growth Factor Receptor SubstRate 2 ELISA Kit; FRS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This FRS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FRS2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FRS2 elisa kit

Principle of the assay: FRS2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FRS2. Standards or samples are then added to the microtiter plate wells and FRS2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FRS2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FRS2 are added to each well to "sandwich" the FRS2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FRS2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FRS2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110347408
NCBI GeneID	10818
NCBI Accession #	NP_006645.3
NCBI GenBank Nucleotide #	NM_006654.4
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; FGFR substrate 2; FGFR signalling adaptor; FGFR-signaling adaptor SNT; suc1-associated neurotrophic factor target 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/frs2-human-elisa-kits/fibroblast-growth-factor-receptor-substrate-2/82930>