

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

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CATALOG #
AAA90875

REACTIVITY
Chicken

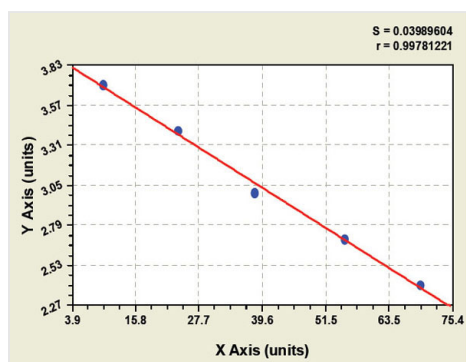
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FRS2 elisa kit

Intended Uses: This FRS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FRS2. This ELISA kit for research use only!

Principle of the Assay: FRS2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FRS2 antibody and an FRS2-HRP conjugate. The assay sample and buffer are incubated together with FRS2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FRS2 concentration since FRS2 from samples and FRS2-HRP conjugate compete for the anti-FRS2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FRS2 from the sample, fewer sites are left to bind FRS2-HRP conjugate. 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.

Product Categories/Family for FRS2 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	110347408
NCBI GeneID	10818
NCBI Accession #	NP_006645.3
NCBI GenBank Nucleotide #	NM_006654.3
UniProt Accession #	Q8WU20; O43558; Q7LDQ6; B0LPF2; B2R684
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.

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Online datasheet: <https://stage.aaabiotech.com/frs2-chicken-elisa-kits/fibroblast-growth-factor-receptor-substrate-2/90875>