

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

Canine Fibroblast Growth Factor Receptor SubstRate 2 ELISA Kit

CATALOG #
AAA88988

REACTIVITY
Canine

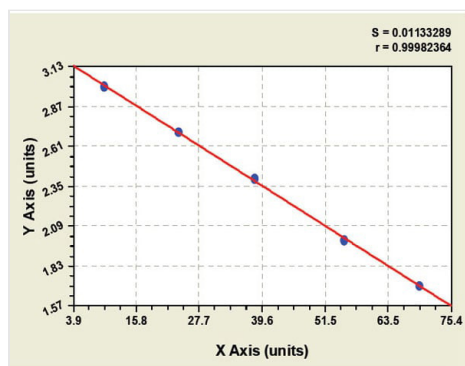
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 Canine 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 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.

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-canine-elisa-kits/fibroblast-growth-factor-receptor-substrate-2/88988>