

Human Sperm Specific Antigen 2 ELISA Kit | SSFA2 elisa kit

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CATALOG #
AAA84488

REACTIVITY
Human

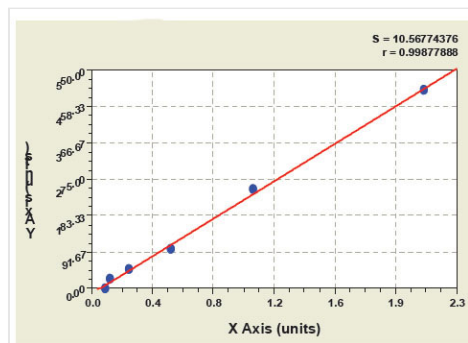
PRODUCT SYNONYMS

Sperm Specific Antigen 2; Human Sperm Specific Antigen 2 ELISA Kit; SSFA2 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 SSFA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SSFA2. 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 SSFA2 elisa kit

Principle of the Assay: SSFA2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SSFA2. Standards or samples are then added to the microtiter plate wells and SSFA2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SSFA2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for SSFA2 are added to each well to "sandwich" the SSFA2 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 SSFA2 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 SSFA2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40352771
NCBI GeneID	6744
Molecular Weight	137,860 Da
NCBI Official Full Name	SSFA2 protein
NCBI Official Synonym Full Names	sperm specific antigen 2
NCBI Official Symbol	SSFA2
NCBI Official Synonym Symbols	CS1; CS-1; KRAP; SPAG13
NCBI Protein Information	sperm-specific antigen 2; cleavage signal-1 protein; sperm associated antigen 13; KRAS-induced actin-interacting protein; ki-ras-induced actin-interacting protein
UniProt Protein Name	Sperm-specific antigen 2
UniProt Gene Name	SSFA2
UniProt Synonym Gene Names	CS1; KIAA1927; KRAP; CS-1
UniProt Entry Name	SSFA2_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/ssfa2-human-elisa-kits/sperm-specific-antigen-2/84488>