

Bovine Sperm Specific Antigen 2 ELISA Kit | SSFA2 elisa kit

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CATALOG #
AAA91909

REACTIVITY
Bovine

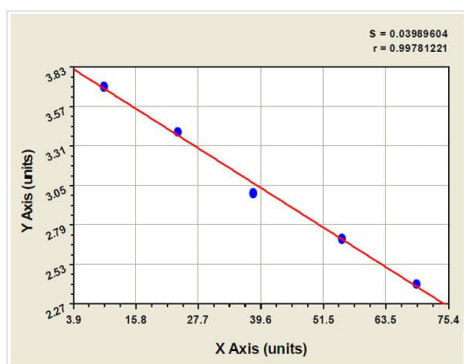
PRODUCT SYNONYMS

Sperm Specific Antigen 2; Bovine Sperm Specific Antigen 2 ELISA Kit; SSFA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This SSFA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-SSFA2 antibody and an SSFA2-HRP conjugate. The assay sample and buffer are incubated together with SSFA2-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 SSFA2 concentration since SSFA2 from samples and SSFA2-HRP conjugate compete for the anti-SSFA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by SSFA2 from the sample, fewer sites are left to bind SSFA2-HRP conjugate. 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.

Product Categories/Family for SSFA2 elisa kit

Cell Biology

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-bovine-ovine-elisa-kits/sperm-specific-antigen-2/91909>