

Bovine Steroidogenic Factor 1 ELISA Kit | SF1 elisa kit

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CATALOG #
AAA94199

REACTIVITY
Bovine

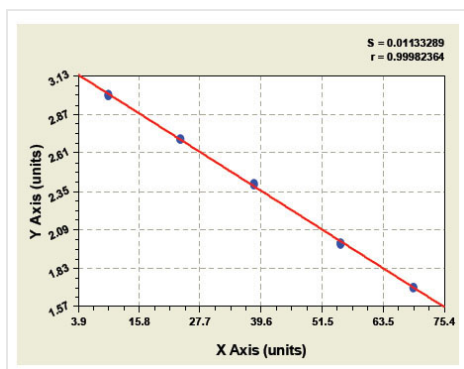
PRODUCT SYNONYMS

Steroidogenic Factor 1; Bovine Steroidogenic Factor 1 ELISA Kit; SF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SF1 elisa kit

Intended Uses: This SF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine SF1. This ELISA kit for research use only!

Principle of the Assay: SF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SF1 antibody and an SF1-HRP conjugate. The assay sample and buffer are incubated together with SF1-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 SF1 concentration since SF1 from samples and SF1-HRP conjugate compete for the anti-SF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SF1 from the sample, fewer sites are left to bind SF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SF1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SF1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070193
NCBI GeneID	2516
NCBI Accession #	NP_004950.2
NCBI GenBank Nucleotide #	NM_004959.4
Molecular Weight	51,636 Da
NCBI Official Full Name	steroidogenic factor 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 5, group A, member 1
NCBI Official Symbol	NR5A1
NCBI Official Synonym Symbols	ELP; SF1; FTZ1; POF7; SF-1; AD4BP; FTZF1; SPGF8; SRXY3
NCBI Protein Information	steroidogenic factor 1; STF-1; nuclear receptor AdBP4; steroidogenic factor-1; adrenal 4 binding protein; adrenal 4-binding protein; fushi tarazu factor homolog 1; steroid hormone receptor Ad4BP; steroidogenic factor 1 nuclear receptor
UniProt Protein Name	Steroidogenic factor 1
UniProt Gene Name	NR5A1
UniProt Synonym Gene Names	AD4BP; FTZF1; SF1; SF-1; STF-1
UniProt Entry Name	STF1_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/sf1-bovine-ovine-elisa-kits/steroidogenic-factor-1/94199>