

Bovine Osteoclast Stimulating Factor 1 ELISA Kit | OSF1 elisa kit

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CATALOG #
AAA92528

REACTIVITY
Bovine

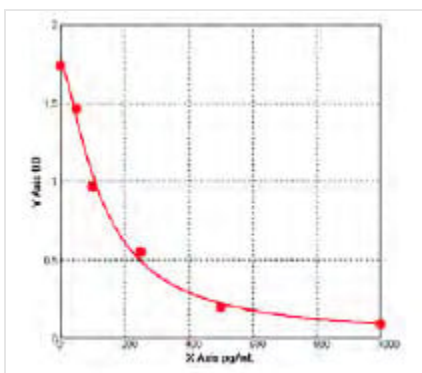
PRODUCT SYNONYMS

Osteoclast Stimulating Factor 1; Bovine Osteoclast Stimulating Factor 1 ELISA Kit; OSF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative 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 OSF1 elisa kit

Intended Uses: This ORAI-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ORAI-1. This ELISA kit for research use only!

Principle of the Assay: ORAI-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ORAI-1 antibody and an ORAI-1-HRP conjugate. The assay sample and buffer are incubated together with ORAI-1-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 ORAI-1 concentration since ORAI-1 from samples and ORAI-1-HRP conjugate compete for the anti-ORAI-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ORAI-1 from the sample, fewer sites are left to bind ORAI-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ORAI-1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for OSF1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166235148
NCBI GeneID	26578
NCBI Accession #	NP_036515.4
NCBI GenBank Nucleotide #	NM_012383.4
Molecular Weight	23,787 Da
NCBI Official Full Name	osteoclast-stimulating factor 1
NCBI Official Synonym Full Names	osteoclast stimulating factor 1
NCBI Official Symbol	OSTF1
NCBI Official Synonym Symbols	OSF; SH3P2; bA235O14.1
NCBI Protein Information	osteoclast-stimulating factor 1
UniProt Protein Name	Osteoclast-stimulating factor 1
UniProt Gene Name	OSTF1
UniProt Entry Name	OSTF1_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/osf1-bovine-ovine-elisa-kits/osteoclast-stimulating-factor-1/92528>