

Sheep Osteoclast Stimulating Factor 1 ELISA Kit | OSF1 elisa kit

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CATALOG #
AAA88278

REACTIVITY
Sheep

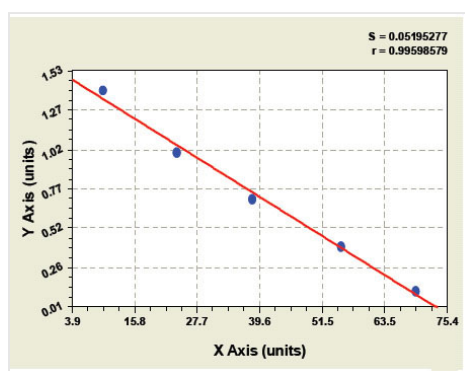
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This OSF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep OSF. 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 OSF1 elisa kit

Principle of the Assay: OSF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OSF antibody and an OSF-HRP conjugate. The assay sample and buffer are incubated together with OSF-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 OSF concentration since OSF from samples and OSF-HRP conjugate compete for the anti-OSF antibody binding site. Since the number of sites is limited, as more sites are occupied by OSF from the sample, fewer sites are left to bind OSF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OSF 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-sheep-elisa-kits/osteoclast-stimulating-factor-1/88278>