

Rat OSF ELISA Kit | OSF elisa kit

Rat OSF (Osteoclast Stimulating Factor 1) ELISA Kit

CATALOG #
AAA164951

REACTIVITY
Rat

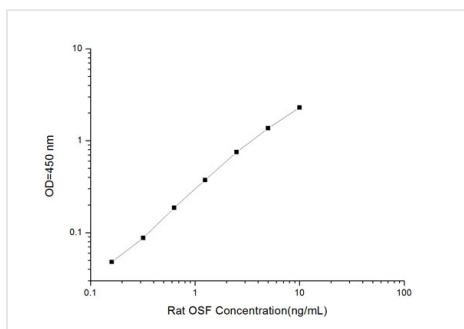
PRODUCT SYNONYMS

OSF; Rat OSF (Osteoclast Stimulating Factor 1) ELISA Kit; OSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat OSF. No significant cross-reactivity or interference between Rat OSF and analogues was observed.
Sequence Length	214
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSF elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat OSF concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to OSF. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for OSF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain OSF, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of OSF. You can calculate the concentration of OSF in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166235148
NCBI GeneID	26578
NCBI Accession #	NP_036515.4
NCBI GenBank Nucleotide #	NM_012383.4
UniProt Accession #	Q92882; Q5W126; Q96IJ4
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.