

Mouse Osteoclast-stimulating factor 1 (OSTF1) ELISA Kit | OSTF1 elisa kit

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CATALOG #
AAA246840

REACTIVITY
Mouse

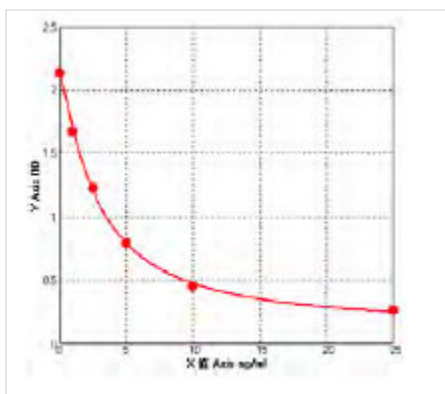
PRODUCT SYNONYMS

Osteoclast-stimulating factor 1 (OSTF1); Mouse Osteoclast-stimulating factor 1 (OSTF1) ELISA Kit; OSTF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSTF1 elisa kit

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

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

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/mouse-elisa-kits/osteoclast-stimulating-factor-1-ostf1/246840>