

Human Osteoclast-Stimulating Factor 1 (OSTF1) ELISA Kit | OSTF1 elisa kit

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CATALOG #
AAA219769

REACTIVITY
Human

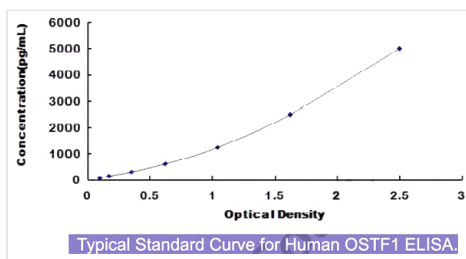
PRODUCT SYNONYMS

Osteoclast-Stimulating Factor 1 (OSTF1); Human Osteoclast-Stimulating Factor 1 (OSTF1) ELISA Kit; OSTF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OSTF1. No significant cross-reactivity or interference between OSTF1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	78.1-5000pg/mL
Sensitivity	< 32.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OSTF1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level OSTF1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSTF1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OSTF1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OSTF1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain OSTF1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of OSTF1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of OSTF1 in human serum, plasma, tissue homogenates or other biological fluids.
Product Categories/Family for OSTF1 elisa kit	Traditional ELISA Kit

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.