

Human osteoclast differentiation factor, ODF ELISA Kit | ODF elisa kit

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CATALOG #
AAA42490

REACTIVITY
Human

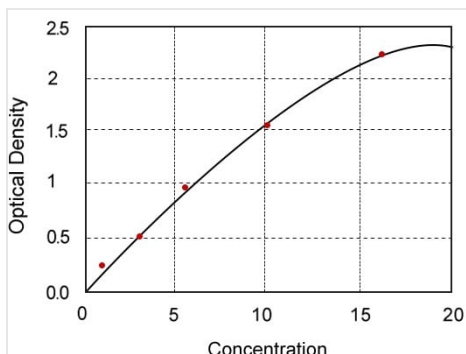
PRODUCT SYNONYMS

osteoclast differentiation factor; ODF; Human osteoclast differentiation factor; ODF ELISA Kit; ODF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	313
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L - 300ng/L
Sensitivity	0.56ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ODF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Osteoclast Differentiation Factor (also known as ODF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ODF antibody. ODF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ODF Antibody is added and binds to ODF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ODF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ODF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4127270
NCBI GeneID	21943
UniProt Accession #	O35235; O35306; Q3TWY5; Q9JJK8; Q9JJK9; Q9R1Y0
Molecular Weight	32,293 Da
NCBI Official Full Name	osteoclast differentiation factor
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 11
NCBI Official Symbol	Tnfsf11
NCBI Official Synonym Symbols	ODF; OPGL; RANKL; Ly109l; Trance
NCBI Protein Information	tumor necrosis factor ligand superfamily member 11
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 11
UniProt Gene Name	Tnfsf11
UniProt Synonym Gene Names	Opgl; Rankl; Trance; ODF; OPGL; RANKL; TRANCE

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/human-elisa-kits/osteoclast-differentiation-factor-odf/42490>