

Human Outer Dense Fiber Protein 4 (ODF4) ELISA Kit | ODF4 elisa kit

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CATALOG #
AAA44472

REACTIVITY
Human

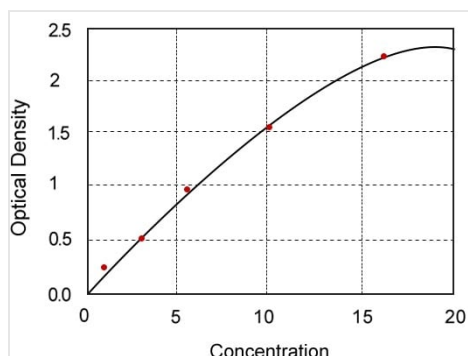
PRODUCT SYNONYMS

Outer Dense Fiber Protein 4 (ODF4); Human Outer Dense Fiber Protein 4 (ODF4) ELISA Kit; ODF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	142
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	5.18ng/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 ODF4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Outer Dense Fiber Protein 4 (also known as ODF4) 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 ODF4 antibody. ODF4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ODF4 Antibody is added and binds to ODF4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ODF4 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 ODF4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	985801715
NCBI GeneID	146852
NCBI Accession #	NP_001306882.1
NCBI GenBank Nucleotide #	NM_001319953.1
Molecular Weight	29,233 Da
NCBI Official Full Name	outer dense fiber protein 4 isoform 2
NCBI Official Synonym Full Names	outer dense fiber of sperm tails 4
NCBI Official Symbol	ODF4
NCBI Official Synonym Symbols	CT134; CT136; OPPO1
NCBI Protein Information	outer dense fiber protein 4
UniProt Protein Name	Outer dense fiber protein 4
UniProt Gene Name	ODF4
UniProt Synonym Gene Names	OPPO1; hOPPO1

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/outer-dense-fiber-protein-4-odf4/44472>