

Human Outer dense fiber protein 1 (ODF1) ELISA Kit | ODF1 elisa kit

Human Outer dense fiber protein 1 (ODF1) ELISA Kit

CATALOG #
AAA246837

REACTIVITY
Human

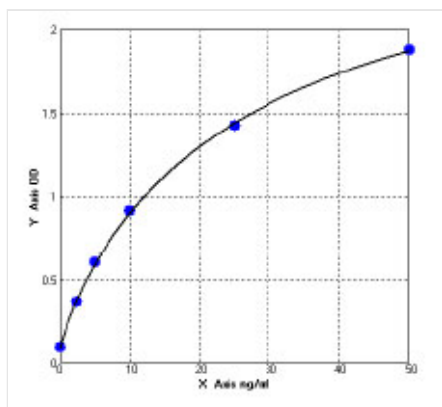
PRODUCT SYNONYMS

Outer dense fiber protein 1 (ODF1); Human Outer dense fiber protein 1 (ODF1) ELISA Kit; ODF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ODF1 elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	194248060
NCBI GeneID	4956
NCBI Accession #	NP_077721.2
NCBI GenBank Nucleotide #	NM_024410.3
Molecular Weight	28,366 Da
NCBI Official Full Name	outer dense fiber protein 1
NCBI Official Synonym Full Names	outer dense fiber of sperm tails 1
NCBI Official Symbol	ODF1
NCBI Official Synonym Symbols	ODF; RT7; ODF2; ODFP; SODF; CT133; ODF27; ODFPG; HSPB10; ODFPGA; ODFPGB
NCBI Protein Information	outer dense fiber protein 1; cancer/testis antigen 133; outer dense fiber of sperm tails, 27-kD
UniProt Protein Name	Outer dense fiber protein 1
UniProt Gene Name	ODF1
UniProt Synonym Gene Names	ODFP
UniProt Entry Name	ODFP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/outer-dense-fiber-protein-1-odf1/246837>