

Human Omega-3 fatty acid receptor 1 ELISA Kit | O3FAR1 elisa kit

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CATALOG #
AAA195560

REACTIVITY
Human

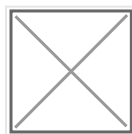
PRODUCT SYNONYMS

Omega-3 fatty acid receptor 1; Human Omega-3 fatty acid receptor 1 ELISA Kit; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4; O3FAR1; GPR120; O3FAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human O3FAR1
Sequence Length	361
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.097 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.3%
Inter-assay Precision	Inter-Assay CV: <=9.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for O3FAR1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

307691233

NCBI GeneID	338557
NCBI Accession #	NP_001182684.1
NCBI GenBank Nucleotide #	NM_001195755.1
UniProt Accession #	Q5NUL3; Q495H1; Q5VY25; Q5VY26; Q7Z605; Q86SM7
Molecular Weight	40,494 Da
NCBI Official Full Name	free fatty acid receptor 4 isoform GPR120-S
NCBI Official Synonym Full Names	free fatty acid receptor 4
NCBI Official Symbol	FFAR4
NCBI Official Synonym Symbols	GT01; PGR4; BMIQ10; GPR120; GPR129; O3FAR1
NCBI Protein Information	free fatty acid receptor 4
UniProt Protein Name	Free fatty acid receptor 4
UniProt Gene Name	FFAR4
UniProt Synonym Gene Names	GPR120; GPR129; O3FAR1; PGR4
UniProt Entry Name	FFAR4_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/o3far1-human-elisa-kits/omega-3-fatty-acid-receptor-1/195560>