

Mouse Omega-3 fatty acid receptor 1 ELISA Kit | O3far1 elisa kit

Mouse Omega-3 fatty acid receptor 1 ELISA Kit

CATALOG # AAA56116	REACTIVITY Mouse
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PRODUCT SYNONYMS

Omega-3 fatty acid receptor 1; Mouse Omega-3 fatty acid receptor 1 ELISA Kit; O3far1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse O3FAR1. No significant cross-reactivity or interference was observed.
Sequence Length	361
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.45 ng/mL
Intra-Assay CV	<=6.9%
Inter-Assay CV	<=8.6%
Recovery	93%
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	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to O3FAR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for O3FAR1 and 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 O3FAR1, 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 O3FAR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32306532
NCBI GeneID	107221

NCBI Accession #	NP_861413.1
NCBI GenBank Nucleotide #	NM_181748.2
UniProt Accession #	Q7TMA4
Molecular Weight	40,813 Da
NCBI Official Full Name	free fatty acid receptor 4
NCBI Official Synonym Full Names	free fatty acid receptor 4
NCBI Official Symbol	Ffar4
NCBI Official Synonym Symbols	GT01; Pgr4; Gpr120; Gpr129; O3far1; KPG_013; AI552415
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; O3far1
UniProt Entry Name	FFAR4_MOUSE

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-mouse-elisa-kits/omega-3-fatty-acid-receptor-1/56116>