

Mouse Ghrelin O-Acyltransferase (MBOAT4) ELISA Kit | GOAT elisa kit

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CATALOG #
AAA31515

REACTIVITY
Mouse

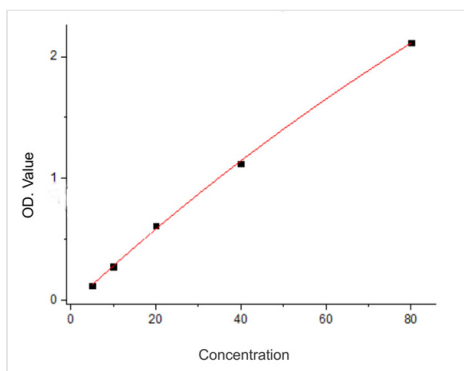
PRODUCT SYNONYMS

Ghrelin O-Acyltransferase (MBOAT4); Mouse Ghrelin O-Acyltransferase (MBOAT4) ELISA Kit; MBOAT4; FKSG89; OACT4; O-acyltransferase (membrane bound) domain containing 4; ghrelin O-acyltransferase; GOAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	435
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	10 pg/ml - 160 pg/ml
Sensitivity	< 1 pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GOAT elisa kit	Background: GOAT could modify ghrelin ser3 with fatty acids up to tetradecanoic acid. Replacement of his338 of GOAT with ala completely abolished the ability of GOAT to octanoylate ghrelin.mouse Goat octanoylated ghrelin (GHRL), a 28-amino acid appetite-stimulating peptide hormone, following cotransfection of Goat and preproghrelin in cultured endocrine cell lines. Principle of the Assay: Mouse Ghrelin O-acyltransferase (MBOAT4) ELISA Kit employs a two-site sandwich ELISA to quantitate MBOAT4 in samples. An antibody specific for MBOAT4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MBOAT4 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse MBOAT4 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MBOAT4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187283003
NCBI GeneID	234155
NCBI Accession #	NP_001119786.1
NCBI GenBank Nucleotide #	NP_001119786.1
UniProt Accession #	POC7A3
NCBI Official Full Name	ghrelin O-acyltransferase
NCBI Official Synonym Full Names	membrane bound O-acyltransferase domain containing 4
NCBI Official Symbol	Mboat4
NCBI Official Synonym Symbols	GOAT; Gm171
NCBI Protein Information	ghrelin O-acyltransferase
UniProt Protein Name	Ghrelin O-acyltransferase
UniProt Gene Name	Mboat4
UniProt Synonym Gene Names	Gm171; Goat; O-acyltransferase domain-containing protein 4
UniProt Entry Name	MBOA4_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/goat-mouse-elisa-kits/ghrelin-o-acyltransferase-mboat4/31515>