

Mouse Mboat4 (Ghrelin O-acyltransferase) ELISA Kit | Mboat4 elisa kit

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CATALOG #
AAA250326

REACTIVITY
Mouse

PRODUCT SYNONYMS

Mboat4 (Ghrelin O-acyltransferase); Mouse Mboat4 (Ghrelin O-acyltransferase) ELISA Kit; Ghrelin O-acyltransferase; Membrane-bound O-acyltransferase domain-containing protein 4; O-acyltransferase domain-containing protein 4; 44; 4 kDa fragment; Gm171; Goat; Mboat4; Mboat4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mboat4. No significant cross - reactivity or interference between Mboat4 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Mboat4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187283003
NCBI GeneID	234155
NCBI Accession #	NP_001119786.1
NCBI GenBank Nucleotide #	NM_001126314.2
UniProt Accession #	POC7A3; B1Q004; B2RWL6
Molecular Weight	49,879 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/mboat4-ghrelin-o-acyltransferase/250326>