

Rat Ghrelin O-acyltransferase ELISA Kit | Mboat4 elisa kit

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CATALOG #
AAA56473

REACTIVITY
Rat

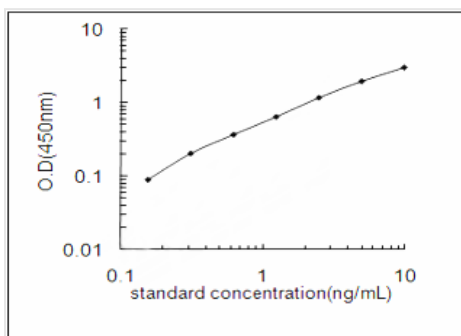
PRODUCT SYNONYMS

Ghrelin O-acyltransferase; Rat Ghrelin O-acyltransferase ELISA Kit; Mboat4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat GOAT. No significant cross-reactivity or interference was observed.
Sequence Length	435
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.08 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=7.4%
Recovery	95%
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 Mboat4 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GOAT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for GOAT 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 GOAT, 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 GOAT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	210032999
NCBI GeneID	306515
NCBI Accession #	NP_001100787.2
NCBI GenBank Nucleotide #	NM_001107317.2
UniProt Accession #	B1Q005
Molecular Weight	50,008 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	RGD1566335
NCBI Protein Information	ghrelin O-acyltransferase
UniProt Protein Name	Ghrelin O-acyltransferase
UniProt Gene Name	Mboat4
UniProt Entry Name	MBOA4_RAT

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/mboat4-rat-elisa-kits/ghrelin-o-acyltransferase/56473>