

Mouse Diacylglycerol-O-Acyltransferase Homolog 1 (DGAT1) RTU ELISA Kit | DGAT1 rtu elisa kit

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CATALOG #
AAA70212

REACTIVITY
Mouse

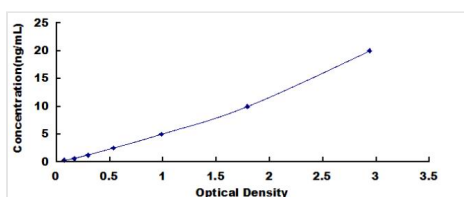
PRODUCT SYNONYMS

Diacylglycerol-O-Acyltransferase Homolog 1 (DGAT1); Mouse Diacylglycerol-O-Acyltransferase Homolog 1 (DGAT1) ELISA Kit; ARGP1; DGAT; ARAT; ACAT-related gene product 1; Acyl-CoA retinol O-fatty-acyltransferase; Diglyceride acyltransferase; DGAT1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	498
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DGAT1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DGAT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DGAT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DGAT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of DGAT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753632
NCBI GeneID	13350
NCBI Accession #	NP_034176.1
NCBI GenBank Nucleotide #	NM_010046.3
UniProt Accession #	Q9Z2A7; Q9D7Q5
Molecular Weight	56,790 Da
NCBI Official Full Name	diacylglycerol O-acyltransferase 1
NCBI Official Synonym Full Names	diacylglycerol O-acyltransferase 1
NCBI Official Symbol	Dgat1
NCBI Official Synonym Symbols	ARAT; Dgat; C75990; D15Ert23e
NCBI Protein Information	diacylglycerol O-acyltransferase 1
UniProt Protein Name	Diacylglycerol O-acyltransferase 1
UniProt Gene Name	Dgat1
UniProt Synonym Gene Names	Dgat; ARAT; Retinol O-fatty-acyltransferase

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/mouse-rtu-elisa-kits/diacylglycerol-o-acyltransferase-homolog-1-dgat1/70212>