

Rat DGAT2 (Diacylglycerol O-acyltransferase 2) ELISA Kit | DGAT2 elisa kit

Rat DGAT2 (Diacylglycerol O-acyltransferase 2) ELISA Kit

CATALOG #
AAA249848

REACTIVITY
Rat

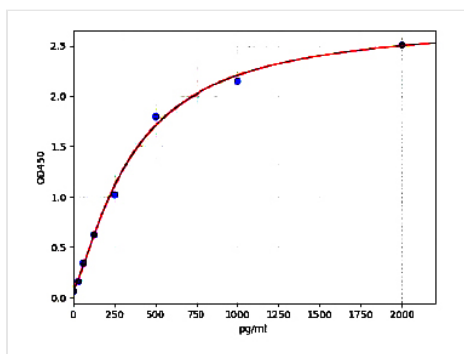
PRODUCT SYNONYMS

DGAT2 (Diacylglycerol O-acyltransferase 2); Rat DGAT2 (Diacylglycerol O-acyltransferase 2) ELISA Kit; Diacylglycerol O-acyltransferase 2; Acyl-CoA retinol O-fatty-acyltransferase; ARAT; Retinol O-fatty-acyltransferase; Diglyceride acyltransferase 2; HMFN1045; UNQ738; PRO1433; DGAT2; DGAT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of DGAT2. No significant cross-reactivity or interference between DGAT2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DGAT2 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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	26024197
NCBI GeneID	84649
NCBI Accession #	NP_115953.2
NCBI GenBank Nucleotide #	NM_032564.4
UniProt Accession #	Q96PD7; Q5U810; Q68CL3; Q68DJ0; Q8NDB7; Q96BS0; Q9BYE5; A6ND76
Molecular Weight	43,831 Da
NCBI Official Full Name	diacylglycerol O-acyltransferase 2 isoform 1
NCBI Official Synonym Full Names	diacylglycerol O-acyltransferase 2
NCBI Official Symbol	DGAT2
NCBI Official Synonym Symbols	ARAT; HMFN1045; GS1999FULL
NCBI Protein Information	diacylglycerol O-acyltransferase 2; diglyceride acyltransferase 2; retinol O-fatty-acyltransferase; acyl-CoA retinol O-fatty-acyltransferase; diacylglycerol O-acyltransferase homolog 2; diacylglycerol O-acyltransferase-like protein 2
UniProt Protein Name	Diacylglycerol O-acyltransferase 2
UniProt Gene Name	DGAT2
UniProt Synonym Gene Names	ARAT; Retinol O-fatty-acyltransferase
UniProt Entry Name	DGAT2_HUMAN

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.