

Human Adipolin (AD) ELISA Kit | AD elisa kit

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CATALOG #
AAA43954

REACTIVITY
Human

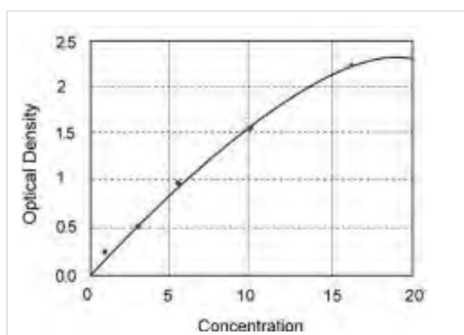
PRODUCT SYNONYMS

Adipolin (AD); Human Adipolin (AD) ELISA Kit; AD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	302
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng
Sensitivity	0.024ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AD elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human C1qtnf12 antibody. C1qtnf12 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human C1qtnf12 Antibody is added and binds to C1qtnf12 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated C1qtnf12 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human C1qtnf12. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Adipolin (also known as C1qtnf12) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121949746
NCBI GeneID	388581
NCBI Accession #	NP_001014980.1
NCBI GenBank Nucleotide #	NM_001014980.2
UniProt Accession #	Q5T7M4; Q5EBL5
Molecular Weight	32,416 Da
NCBI Official Full Name	adipolin
NCBI Official Synonym Full Names	C1q and TNF related 12
NCBI Official Symbol	C1QTNF12
NCBI Official Synonym Symbols	C1QDC2; CTRP12; FAM132A
NCBI Protein Information	adipolin
UniProt Protein Name	Adipolin
UniProt Gene Name	C1QTNF12

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.