

Mouse Clusterin ELISA Kit | CLU elisa kit

Mouse Clusterin ELISA Kit

CATALOG # AAA105954	REACTIVITY Mouse	APPLICATIONS ELISA
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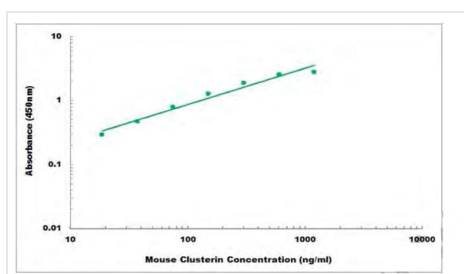
PRODUCT SYNONYMS

Clusterin; Mouse Clusterin ELISA Kit; APOJ; CLI; KUB1; Aging-associated gene 4 protein; Apolipoprotein J; Apo-J; Complement cytolysis inhibitor; Complement-associated protein SP-40; 40; Ku70-binding protein 1; NA1/NA2; Testosterone-repressed prostate message 2; TRPM-2; CLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse Clusterin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse Clusterin proteins within the range of 18.7 ng/ml - 1200 ng/ml.
Sequence Length	448
Samples	Culture Supernatants, Serum, Plasma
Sensitivity	< 6 ng/ml
Applicable Applications for CLU elisa kit	ELISA (Sandwich ELISA)
Detection Method	Colorimetric
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLU elisa kit	Background: Clusterin (apolipoprotein J) is a 75 - 80 kDa disulfide-linked heterodimeric protein associated with the clearance of cellular debris and apoptosis. In humans, clusterin is encoded by the CLU gene. This protein has several synonyms: dimeric acidic glycoprotein (DAG protein), testosterone repressed prostate message-2 (TRPM-2), sulfated glycoprotein-2 (SGP-2) and complement lysis inhibitor (CLI). Clusterin was mapped to mouse chromosome 14. Clusterin is a ubiquitously expressed molecule thought to influence a variety of processes including cell death. In the brain, it accumulates in dying neurons following seizures and hypoxic-ischemic (H-I) injury. clusterin may be a new therapeutic target to modulate non-caspase-dependent neuronal death following acute brain injury. Principle of the Assay: The AAA Biotech' Mouse Clusterin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse Clusterin in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse Clusterin coated on a 96-well plate. Standards and samples are pipetted into the wells and Clusterin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse Clusterin antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Clusterin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	214010170
NCBI GeneID	12759
NCBI Accession #	NP_038520.2
NCBI GenBank Nucleotide #	NM_013492.2
UniProt Accession #	Q06890
Molecular Weight	51,656 Da
NCBI Official Full Name	clusterin
NCBI Official Synonym Full Names	clusterin
NCBI Official Symbol	Clu
NCBI Official Synonym Symbols	Cli; ApoJ; Sgp2; SP-40; Sgp-2; Sugp-2; A1893575; D14Ucla3
NCBI Protein Information	clusterin; apo-J; clustrin; Apolipoprotein J; sulfated glycoprotein 2; complement lysis inhibitor; testosterone repressed prostate message; testosterone repressed prostate message-2
UniProt Protein Name	Clusterin
UniProt Gene Name	Clu
UniProt Synonym Gene Names	Apoj; Msgp-2; Apo-J; SGP-2
UniProt Entry Name	CLUS_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.

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Online datasheet: <https://stage.aaabiotech.com/clu-mouse-elisa-kits/clusterin/105954>