

Mouse clusterin ELISA Kit | CLU elisa kit

Mouse Clusterin, CLU ELISA Kit

CATALOG #
AAA112639

REACTIVITY
Mouse

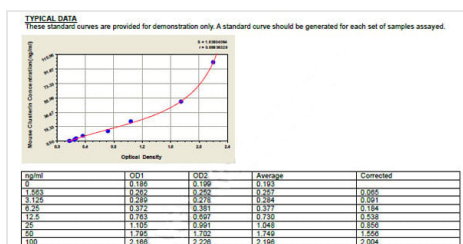
PRODUCT SYNONYMS

clusterin; Mouse Clusterin; CLU ELISA Kit; Mouse Clusterin (CLU) ELISA kit; AAG4; APOJ; CLI; KUB1; MGC24903; SGP-2; SGP2; SP-40; TRPM-2; TRPM2; aging-associated protein 4; apolipoprotein J; clusterin (complement lysis inhibitor; 40; sulfated glycoprotein 2; testosterone; Mouse Clusterin (CLU); CLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CLU. No significant cross-reactivity or interference between mouse CLU and analogues was observed.
Sequence Length	448
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 ng/ml-100 ng/ml.
Sensitivity	The minimum detectable dose of mouse CLU is typically less than 0.39 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLU elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLU has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLU present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLU is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLU bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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/112639>