

Mouse CLU (Clusterin) ELISA Kit | CLU elisa kit

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CATALOG #
AAA178037

REACTIVITY
Mouse

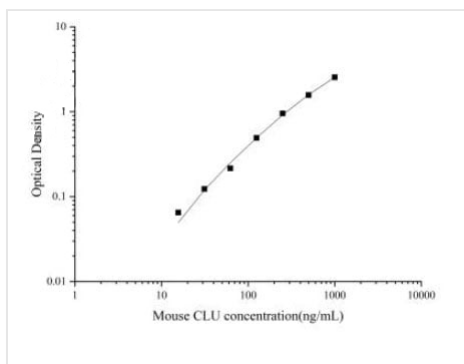
PRODUCT SYNONYMS

CLU (Clusterin); Mouse CLU (Clusterin) ELISA Kit; APO-J; APOJ; CLI; KUB1; NA1/NA2; SGP2; SP-40; TRPM2; CLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse CLU in samples. No significant cross-reactivity or interference between Mouse CLU and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000 ng/mL
Sensitivity	9.38 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse CLU were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse CLU were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLU elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse CLU. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse CLU and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse CLU, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse CLU. You can calculate the concentration of Mouse CLU in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse CLU concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	729152
NCBI GeneID	12759
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; Sugg-2; AI893575; 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.