

Rat Clusterin (Apolipoprotein J) ELISA Kit | CLU elisa kit

Rat Clusterin ELISA Kit

CATALOG # AAA76937	REACTIVITY Rat
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PRODUCT SYNONYMS

Clusterin (Apolipoprotein J); Rat Clusterin ELISA Kit; Rat Clusterin (Apolipoprotein J); CLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Immunoperoxidase Assay for Determination of CLUSTERIN in Rat Samples
Assay Type	Sandwich
Intended Uses	The CLUSTERIN test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring CLUSTERIN in biological samples of Rat.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for CLU elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the CLUSTERIN present in samples reacts with the anti-CLUSTERIN antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-CLUSTERIN antibodies conjugated with horseradish peroxidase (HRP), are added. These enzyme-labeled antibodies form complexes with the previously bound CLUSTERIN. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of CLUSTERIN in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of CLUSTERIN in the test sample. The quantity of CLUSTERIN in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.
Product Categories/Family for CLU elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	42740907
NCBI GeneID	1191
NCBI Accession #	NP_976084.1
NCBI GenBank Nucleotide #	NM_203339.2
UniProt Accession #	P10909 ; P11380 ; P11381 ; Q2TU75 ; Q5HYC1 ; Q7Z5B9 ; B2R9Q1 ; B3KSE6 ; Q6LDQ3 ; Q8IWL5 ; Q8IWM0 ; AAB25217
Molecular Weight	52,495 Da
NCBI Official Full Name	clusterin
NCBI Official Synonym Full Names	clusterin
NCBI Official Symbol	CLU

NCBI Official Synonym Symbols	CLI; AAG4; APOJ; KUB1; SGP2; SGP-2; SP-40; TRPM2; TRPM-2; MGC24903
NCBI Protein Information	clusterin; apo-J; NA1/NA2; apolipoprotein J; OTTHUMP00000128311; OTTHUMP00000225247; OTTHUMP00000225248; OTTHUMP00000225249; ku70-binding protein 1; sulfated glycoprotein 2; aging-associated protein 4; complement lysis inhibitor; complement cytolysis inhibitor; complement-associated protein SP-40,40; testosterone-repressed prostate message 2
UniProt Protein Name	Clusterin
UniProt Gene Name	CLU
UniProt Synonym Gene Names	APOJ; CLI; KUB1
UniProt Entry Name	CLUS_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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/clusterin-apolipoprotein-j/76937>