

Canine Clusterin ELISA Kit | CLU elisa kit

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CATALOG #
AAA90010

REACTIVITY
Canine

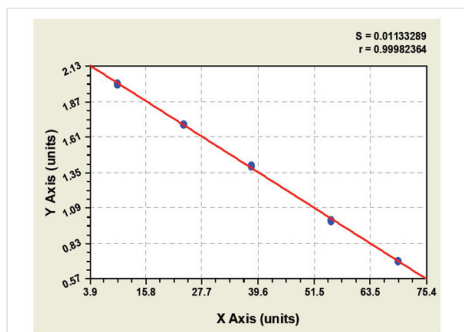
PRODUCT SYNONYMS

Clusterin; Canine Clusterin ELISA Kit; CLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This CLU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CLU. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLU elisa kit

Principle of the Assay: CLU ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CLU antibody and an CLU-HRP conjugate. The assay sample and buffer are incubated together with CLU-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CLU concentration since CLU from samples and CLU-HRP conjugate compete for the anti-CLU antibody binding site. Since the number of sites is limited, as more sites are occupied by CLU from the sample, fewer sites are left to bind CLU-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLU concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1048721
Molecular Weight	52,154 Da
NCBI Official Full Name	clusterin
UniProt Protein Name	Clusterin
UniProt Gene Name	CLU
UniProt Entry Name	CLUS_HORSE

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-canine-elisa-kits/clusterin/90010>