Chicken Anti-Apolipoprotein Antibodies ELISA Kit | AAHA elisa kit

Chicken Anti-Apolipoprotein Antibodies ELISA Kit

CATALOG #	REACTIVITY
AAA91222	**Chicken**

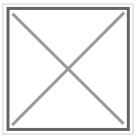
PRODUCT SYNONYMS

Anti-Apolipoprotein Antibodies; Chicken Anti-Apolipoprotein Antibodies ELISA Kit; AAHA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 u/L.
Intended Uses	This AAHA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken AAHA. 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 AAHA elisa kit	**Principle of the Assay:** AAHA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AAHA antibody and an AAHA-HRP conjugate. The assay sample and buffer are incubated together with AAHA-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 AAHA concentration since AAHA from samples and AAHA-HRP conjugate compete for the anti-AAHA antibody binding site. Since the number of sites is limited, as more sites are occupied by AAHA from the sample, fewer sites are left to bind AAHA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AAHA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AAHA elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	105990532
NCBI GeneID	338
NCBI Accession #	NP_000375.2

NCBI GenBank Nucleotide #	NM_000384.2
Molecular Weight	515,605 Da
NCBI Official Full Name	apolipoprotein B-100
NCBI Official Synonym Full Names	apolipoprotein B
NCBI Official Symbol	APOB
NCBI Official Synonym Symbols	FLDB; LDLCQ4
NCBI Protein Information	apolipoprotein B-100; apoB-48; apoB-100; apo B-100; mutant Apo B 100; apolipoprotein B48; apolipoprotein B (including Ag(x) antigen)
UniProt Protein Name	Apolipoprotein B-100
UniProt Gene Name	**APOB**
UniProt Synonym Gene Names	Apo B-100; Apo B-48
UniProt Entry Name	APOB_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://stage.aaabiotech.com/aaha-chicken-elisa-kits/anti-apolipoprotein-antibodies/91222