Chicken Apolipoprotein F ELISA Kit | APOF elisa kit

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CATALOG #	REACTIVITY
AAA92576	**Chicken**

PRODUCT SYNONYMS

Apolipoprotein F; Chicken Apolipoprotein F ELISA Kit; APOF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This APOF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken APOF. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOF elisa kit	**Principle of the Assay:** APOF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APOF antibody and an APOF-HRP conjugate. The assay sample and buffer are incubated together with APOF-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 APOF concentration since APOF from samples and APOF-HRP conjugate compete for the anti-APOF antibody binding site. Since the number of sites is limited, as more sites are occupied by APOF from the sample, fewer sites are left to bind APOF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOF concentration in each sample is interpolated from this standard curve.
Product Categories/Family for APOF elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502165
NCBI GeneID	319

NCBI Accession #	NP_001629.1
NCBI GenBank Nucleotide #	NM_001638.2
Molecular Weight	35,399 Da
NCBI Official Full Name	apolipoprotein F
NCBI Official Synonym Full Names	apolipoprotein F
NCBI Official Symbol	APOF
NCBI Official Synonym Symbols	LTIP; Apo-F
NCBI Protein Information	apolipoprotein F; lipid transfer inhibitor protein
UniProt Protein Name	Apolipoprotein F
UniProt Gene Name	**APOF**
UniProt Synonym Gene Names	Apo-F; LTIP
UniProt Entry Name	APOF_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/apof-chicken-elisa-kits/apolipoprotein-f/92576