

Chicken Apolipoprotein C3 ELISA Kit | APOC3 elisa kit

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CATALOG #
AAA93641

REACTIVITY
Chicken

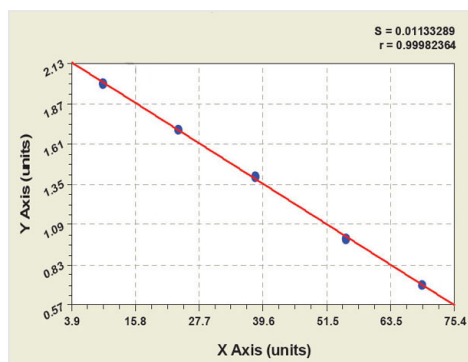
PRODUCT SYNONYMS

Apolipoprotein C3; Chicken Apolipoprotein C3 ELISA Kit; APOC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This APOC3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken APOC3. 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 APOC3 elisa kit

Principle of the Assay: APOC3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APOC3 antibody and an APOC3-HRP conjugate. The assay sample and buffer are incubated together with APOC3-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 APOC3 concentration since APOC3 from samples and APOC3-HRP conjugate compete for the anti-APOC3 antibody binding site. Since the number of sites is limited, as more sites are occupied by APOC3 from the sample, fewer sites are left to bind APOC3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOC3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for APOC3 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557323
NCBI GeneID	345
NCBI Accession #	NP_000031.1
NCBI GenBank Nucleotide #	NM_000040.1
Molecular Weight	10,852 Da
NCBI Official Full Name	apolipoprotein C-III
NCBI Official Synonym Full Names	apolipoprotein C-III
NCBI Official Symbol	APOC3
NCBI Official Synonym Symbols	HALP2; APOCIII
NCBI Protein Information	apolipoprotein C-III; apo-CIII; apoC-III; apolipoprotein C3
UniProt Protein Name	Apolipoprotein C-III
UniProt Gene Name	APOC3
UniProt Synonym Gene Names	Apo-CIII; ApoC-III
UniProt Entry Name	APOC3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apoc3-chicken-elisa-kits/apolipoprotein-c3/93641>