

Monkey Apolipoprotein A4 ELISA Kit | APOA4 elisa kit

Monkey Apolipoprotein A4 ELISA Kit

CATALOG #
AAA92924

REACTIVITY
Monkey

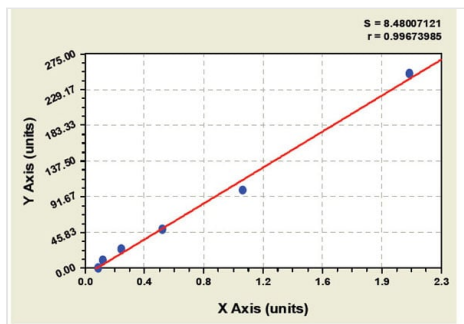
PRODUCT SYNONYMS

Apolipoprotein A4; Monkey Apolipoprotein A4 ELISA Kit; APOA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA4 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This APOA4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey APOA4. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY APOA4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for APOA4. Standards or samples are then added to the microtiter plate wells and APOA4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of APOA4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for APOA4 are added to each well to "sandwich" the APOA4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain APOA4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOA4 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for APOA4 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	71773110
NCBI GeneID	337
NCBI Accession #	NP_000473.2
NCBI GenBank Nucleotide #	NM_000482.3
Molecular Weight	45,399 Da
NCBI Official Full Name	apolipoprotein A-IV
NCBI Official Synonym Full Names	apolipoprotein A-IV
NCBI Official Symbol	APOA4
NCBI Protein Information	apolipoprotein A-IV; apo-AIV; apoA-IV; apolipoprotein A4
UniProt Protein Name	Apolipoprotein A-IV
UniProt Gene Name	APOA4
UniProt Synonym Gene Names	Apo-AIV; ApoA-IV
UniProt Entry Name	APOA4_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/apoa4-monkey-elisa-kits/apolipoprotein-a4/92924>