

Monkey Apolipoprotein F ELISA Kit | APOF elisa kit

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CATALOG #
AAA92529

REACTIVITY
Monkey

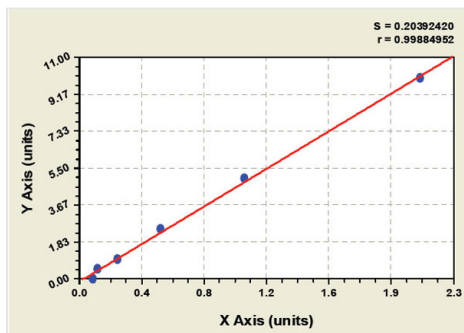
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for APOF elisa kit

Intended Uses: This APOF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey APOF. This ELISA kit for research use only!

Principle of the Assay: APOF ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for APOF. Standards or samples are then added to the microtiter plate wells and APOF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of APOF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for APOF are added to each well to "sandwich" the APOF 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 APOF 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 APOF concentration in each sample is interpolated from this standard curve.

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.