

Goat Apolipoprotein M ELISA Kit | APOM elisa kit

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CATALOG #
AAA90606

REACTIVITY
Goat

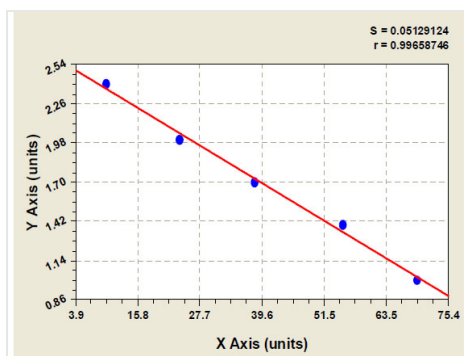
PRODUCT SYNONYMS

Apolipoprotein M; Goat Apolipoprotein M ELISA Kit; APOM elisa kit

PRODUCT SPECIFICATIONS

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

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

Product Categories/Family for APOM elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	22091452
NCBI GeneID	55937
NCBI Accession #	NP_061974.2
NCBI GenBank Nucleotide #	NM_019101.2
Molecular Weight	13,051 Da
NCBI Official Full Name	apolipoprotein M isoform 1
NCBI Official Synonym Full Names	apolipoprotein M
NCBI Official Symbol	APOM
NCBI Official Synonym Symbols	G3a; NG20; apo-M; HSPC336
NCBI Protein Information	apolipoprotein M; protein G3a; NG20-like protein; alternative name: G3a, NG20
UniProt Protein Name	Apolipoprotein M
UniProt Gene Name	APOM
UniProt Synonym Gene Names	G3A; NG20; HSPC336; Apo-M; ApoM
UniProt Entry Name	APOM_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/apom-goat-elisa-kits/apolipoprotein-m/90606>