

Human Apolipoprotein H (APOH) ELISA Kit | APOH elisa kit

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CATALOG #
AAA183257

REACTIVITY
Human

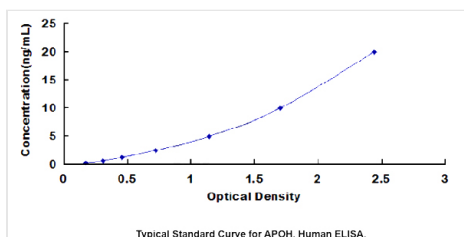
PRODUCT SYNONYMS

Apolipoprotein H (APOH); Human Apolipoprotein H (APOH) ELISA Kit; Apo-H; B2G1; BG; B2-GP1; B2GP1; Previously; Beta 2 Glycoprotein 1; APC inhibitor; Activated protein C-binding protein; Anticardiolipin cofactor; Beta(2)GPI; APOH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of APOH. No significant cross-reactivity or interference between APOH and analogues was observed.
Sequence Length	345
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.141ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APOH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level APOH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOH elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APOH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to APOH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain APOH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of APOH in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of APOH in human serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	178857
NCBI GeneID	350
Molecular Weight	38,298 Da
NCBI Official Full Name	apolipoprotein H
NCBI Official Synonym Full Names	apolipoprotein H
NCBI Official Symbol	APOH
NCBI Official Synonym Symbols	BG; B2G1; B2GP1
NCBI Protein Information	beta-2-glycoprotein 1
UniProt Protein Name	Beta-2-glycoprotein 1
UniProt Gene Name	APOH
UniProt Synonym Gene Names	B2G1; Apo-H; B2GPI; Beta(2)GPI

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/human-elisa-kits/apolipoprotein-h-apoh/183257>