

Human Adipocyte Plasma Membrane Associated Protein (APMAP) ELISA Kit | APMAP elisa kit

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CATALOG # AAA67288	REACTIVITY Human
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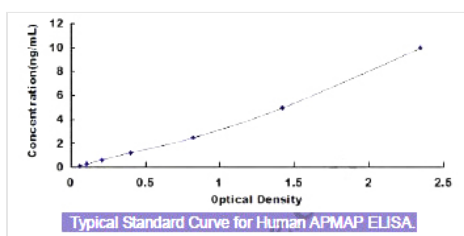
PRODUCT SYNONYMS

Adipocyte Plasma Membrane Associated Protein (APMAP); Human Adipocyte Plasma Membrane Associated Protein (APMAP) ELISA Kit; APMAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of APMAP. No significant cross-reactivity or interference between APMAP and analogues was observed.
Sequence Length	416
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APMAP 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 APMAP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APMAP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of APMAP in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APMAP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to APMAP. 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 APMAP, 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 APMAP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24308201
NCBI GeneID	57136
NCBI Accession #	NP_065392.1
NCBI GenBank Nucleotide #	NM_020531.2
UniProt Accession #	Q9HDC9; Q6UVZ8; Q9GZS8; Q9NUB2; A8K514; B4DXG1
Molecular Weight	32,161 Da
NCBI Official Full Name	adipocyte plasma membrane-associated protein
NCBI Official Synonym Full Names	adipocyte plasma membrane associated protein
NCBI Official Symbol	APMAP
NCBI Official Synonym Symbols	BSCv; C20orf3
NCBI Protein Information	adipocyte plasma membrane-associated protein
UniProt Protein Name	Adipocyte plasma membrane-associated protein
UniProt Gene Name	APMAP
UniProt Synonym Gene Names	C20orf3

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.