

Human Probable methylthioribulose-1-phosphate dehydratase ELISA Kit | APIP elisa kit

Human Probable methylthioribulose-1-phosphate dehydratase (APIP) ELISA Kit

CATALOG # AAA55593	REACTIVITY Human
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PRODUCT SYNONYMS

Probable methylthioribulose-1-phosphate dehydratase; Human Probable methylthioribulose-1-phosphate dehydratase (APIP) ELISA Kit; APIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human APIP. No significant cross-reactivity or interference between Human APIP and analogues was observed.
Sequence Length	240
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for APIP elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate APIP in samples. An antibody specific for APIP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APIP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APIP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of APIP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166235186
NCBI GeneID	51074
NCBI Accession #	NP_057041.2
NCBI GenBank Nucleotide #	NM_015957.3
UniProt Accession #	Q96GX9 ; Q6PJX6 ; Q8WVU2 ; Q96HK2 ; Q9Y318 ; A8K9D3

Molecular Weight	22,858 Da
NCBI Official Full Name	methylthioribulose-1-phosphate dehydratase
NCBI Official Synonym Full Names	APAF1 interacting protein
NCBI Official Symbol	APIP
NCBI Official Synonym Symbols	APIP2; CGI29; hAPIP; CGI-29; MMRP19
NCBI Protein Information	methylthioribulose-1-phosphate dehydratase
UniProt Protein Name	Methylthioribulose-1-phosphate dehydratase
UniProt Gene Name	APIP
UniProt Synonym Gene Names	hAPIP

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://www.aaabiotech.com/apip-human-elisa-kits/probable-methylthioribulose-1-phosphate-dehydratase/55593>