

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

Catalog No: #EK11676

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Package Size: #EK11676-1 48T #EK11676-2 96T

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Human Probable methylthioribulose-1-phosphate dehydratase (APIP) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	APIP2; CGI-29; CGI29; MMRP19; dJ179L10.2; APAF1-interacting protein
Accession No.	Q96GX9
Uniprot	Q96GX9
GeneID	51074;
Storage	<p>The stability of ELISA 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.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

## Application Details

Detect Range:31.25-2000 pg/mL

Sensitivity:14.5 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

**Detection Method:**SandwichTest principle: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 anyAPIP 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.**Product Overview:**APIP is an APAF1-interacting protein that acts as a negative regulator of ischemic/hypoxic injury.The deduced APIP protein contains 204 amino acids. A putative alternatively spliced APIP isoform called APIP3 was identified by database analysis and encodes?!

Note: This product is for in vitro research use only