

Human Farnesyl Pyrophosphate Synthase (FDPS) ELISA Kit | FDPS elisa kit

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CATALOG #
AAA44335

REACTIVITY
Human

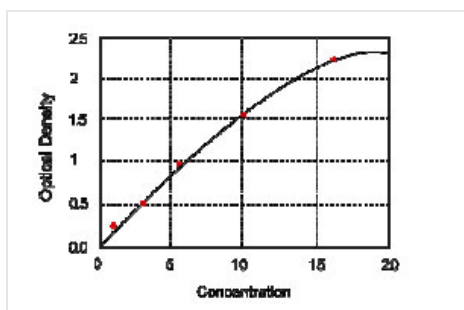
PRODUCT SYNONYMS

Farnesyl Pyrophosphate Synthase (FDPS); Human Farnesyl Pyrophosphate Synthase (FDPS) ELISA Kit; FDPS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	248
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.024ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FDPS elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Farnesyl Pyrophosphate Synthase (also known as FDPS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human FDPS antibody. FDPS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human FDPS Antibody is added and binds to FDPS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated FDPS antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human FDPS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	338797810
NCBI GeneID	2224
NCBI Accession #	NP_001229754.1
NCBI GenBank Nucleotide #	NM_001242825.1
UniProt Accession #	P14324; Q96G29; D3DV91; E9PCI9
Molecular Weight	40,532 Da
NCBI Official Full Name	farnesyl pyrophosphate synthase isoform c
NCBI Official Synonym Full Names	farnesyl diphosphate synthase
NCBI Official Symbol	FDPS
NCBI Official Synonym Symbols	FPS; FPPS; POROK9
NCBI Protein Information	farnesyl pyrophosphate synthase
UniProt Protein Name	Farnesyl pyrophosphate synthase
UniProt Gene Name	FDPS
UniProt Synonym Gene Names	FPS; KIAA1293; FPP synthase; FPS

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/human-elisa-kits/farnesyl-pyrophosphate-synthase-fdps/44335>