

Human Inorganic pyrophosphatase ELISA Kit | PPA1 elisa kit

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CATALOG #
AAA102221

REACTIVITY
Human

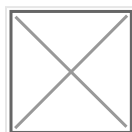
PRODUCT SYNONYMS

Inorganic pyrophosphatase; Human Inorganic pyrophosphatase ELISA Kit; PPA1/Inorganic pyrophosphatase/Pyrophosphate phospho-hydrolase/PPase/IOPPP/PP/PP1/inorganic diphosphatase/cytosolic inorganic pyrophosphatase; PPA1 elisa kit

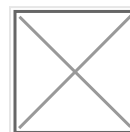
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	289
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PPA1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PPA1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PPA1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PPA1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11056044
NCBI GeneID	5464
NCBI Accession #	NP_066952.1
NCBI GenBank Nucleotide #	NM_021129.3

Molecular Weight	32,660 Da
NCBI Official Full Name	inorganic pyrophosphatase
NCBI Official Synonym Full Names	pyrophosphatase (inorganic) 1
NCBI Official Symbol	PPA1
NCBI Official Synonym Symbols	PP; PP1; IOPPP; HEL-S-66p; SID6-8061
NCBI Protein Information	inorganic pyrophosphatase
UniProt Protein Name	Inorganic pyrophosphatase
UniProt Gene Name	PPA1
UniProt Synonym Gene Names	IOPPP; PP; PPase
UniProt Entry Name	IPYR_HUMAN

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/ppa1-human-elisa-kits/inorganic-pyrophosphatase/102221>