

Rat Ribose-phosphate pyrophosphokinase 1, PRPS1 ELISA Kit | PRPS1 elisa kit

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CATALOG #
AAA123392

REACTIVITY
Rat

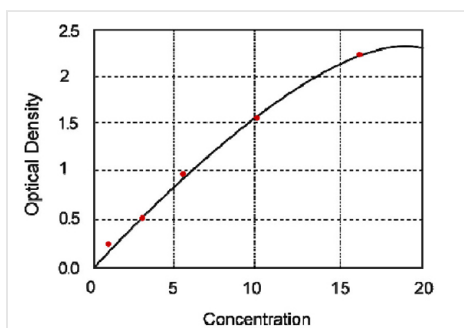
PRODUCT SYNONYMS

Ribose-phosphate pyrophosphokinase 1; PRPS1; Rat Ribose-phosphate pyrophosphokinase 1; PRPS1 ELISA Kit; PRPS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	318
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.41ng/L
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 PRPS1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat PRPS1 antibody. PRPS1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PRPS1 Antibody is added and binds to PRPS1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PRPS1 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 Rat PRPS1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Ribose-phosphate pyrophosphokinase 1 (also known as PRPS1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506127
NCBI GeneID	5631
NCBI GenBank Nucleotide #	NP_002755.1
UniProt Accession #	P60891
NCBI Official Full Name	ribose-phosphate pyrophosphokinase 1 isoform 1
NCBI Official Synonym Full Names	phosphoribosyl pyrophosphate synthetase 1
NCBI Official Symbol	PRPS1
NCBI Official Synonym Symbols	ARTS; DFN2; PRSI; CMTX5; DFNX1; PRS-I; PPRibP
NCBI Protein Information	ribose-phosphate pyrophosphokinase 1
UniProt Protein Name	Ribose-phosphate pyrophosphokinase 1
UniProt Gene Name	PRPS1
UniProt Synonym Gene Names	PRS-I
UniProt Entry Name	PRPS1_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/rat-elisa-kits/ribose-phosphate-pyrophosphokinase-1-prps1/123392>