

Human Phenylalanine-4-hydroxylase, PAH/PKU ELISA Kit | PAH/PKU elisa kit

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CATALOG #
AAA123792

REACTIVITY
Human

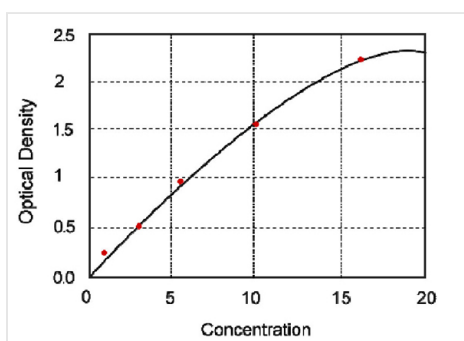
PRODUCT SYNONYMS

Phenylalanine-4-hydroxylase; PAH/PKU; Human Phenylalanine-4-hydroxylase; PAH/PKU ELISA Kit; PAH/PKU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	446
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	4.86ng/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 PAH/PKU elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PAH;PKU antibody. PAH;PKU present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PAH;PKU Antibody is added and binds to PAH;PKU in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PAH;PKU 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 PAH;PKU. 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 Human Phenylalanine-4-hydroxylase (also known as PAH;PKU) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47604920
NCBI GeneID	408024
NCBI GenBank Nucleotide #	NP_001001298.1
NCBI Official Full Name	phenylalanine-4-hydroxylase
NCBI Official Synonym Full Names	phenylalanine hydroxylase
NCBI Official Symbol	PAH
NCBI Official Synonym Symbols	phenylalanine-4-hydroxylase
NCBI Protein Information	phenylalanine-4-hydroxylase

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/human-elisa-kits/phenylalanine-4-hydroxylase-pah-pku/123792>