

Human P3H1/Prolyl 3-Hydroxylase 1 ELISA Kit | P3H1 elisa kit

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CATALOG #
AAA196774

REACTIVITY
Human

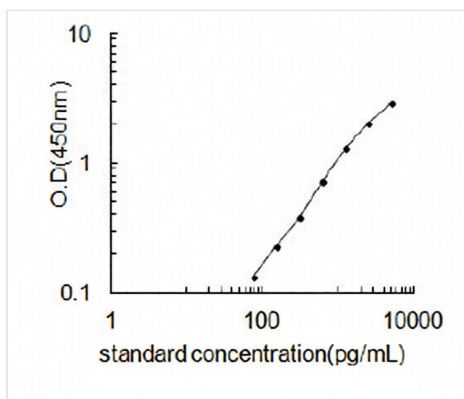
PRODUCT SYNONYMS

P3H1/Prolyl 3-Hydroxylase 1; Human P3H1/Prolyl 3-Hydroxylase 1 ELISA Kit; Prolyl 3-hydroxylase 1; Growth suppressor 1; Leucine- and proline-enriched proteoglycan 1; Leprecan-1; GROS1; LEPRE1; PSEC0109; P3H1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Prolyl 3-hydroxylase 1
Sequence Length	736
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	<21 pg/mL
Intra-assay Precision	<=5.4%
Inter-assay Precision	<=7.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P3H1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186928835
NCBI GeneID	64175
NCBI Accession #	NP_071751.3
NCBI GenBank Nucleotide #	NM_022356.3
UniProt Accession #	Q32P28
NCBI Official Full Name	prolyl 3-hydroxylase 1 isoform 1
NCBI Official Synonym Full Names	prolyl 3-hydroxylase 1
NCBI Official Symbol	P3H1
NCBI Official Synonym Symbols	OI8; GROS1; LEPRE1
NCBI Protein Information	prolyl 3-hydroxylase 1
UniProt Protein Name	Prolyl 3-hydroxylase 1
UniProt Gene Name	LEPRE1
UniProt Synonym Gene Names	GROS1; P3H1
UniProt Entry Name	P3H1_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://www.aaabiotech.com/human-elisa-kits/p3h1-prolyl-3-hydroxylase-1/196774>