

Human Prolyl 4-hydroxylase subunit alpha-2 ELISA Kit | P4HA2 elisa kit

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CATALOG #
AAA194505

REACTIVITY
Human

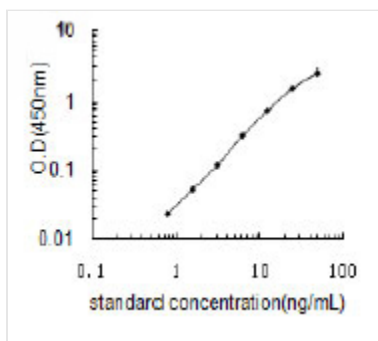
PRODUCT SYNONYMS

Prolyl 4-hydroxylase subunit alpha-2; Human Prolyl 4-hydroxylase subunit alpha-2 ELISA Kit; 4-PH alpha-2; Procollagen-proline; 2-oxoglutarate-4-dioxygenase subunit alpha-2; P4HA2; UNQ290/PRO330; 1.14.11.2; P4HA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Prolyl 4-hydroxylase subunit alpha-2, 4-PH alpha-2
Sequence Length	533
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	<0.27 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.8%
Inter-assay Precision	Inter-Assay CV: <=7.6%
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 P4HA2 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 #	63252891
NCBI GeneID	8974
NCBI Accession #	NP_001017973.1
NCBI GenBank Nucleotide #	NM_001017973.1
UniProt Accession #	O15460; Q8WWN0; D3DQ85; D3DQ86
Molecular Weight	60,633 Da
NCBI Official Full Name	prolyl 4-hydroxylase subunit alpha-2 isoform 2
NCBI Official Synonym Full Names	prolyl 4-hydroxylase subunit alpha 2
NCBI Official Symbol	P4HA2
NCBI Protein Information	prolyl 4-hydroxylase subunit alpha-2
UniProt Protein Name	Prolyl 4-hydroxylase subunit alpha-2
UniProt Gene Name	P4HA2
UniProt Synonym Gene Names	4-PH alpha-2
UniProt Entry Name	P4HA2_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/p4ha2-human-elisa-kits/prolyl-4-hydroxylase-subunit-alpha-2/194505>