

Human Prolyl-4-Hydroxylase Alpha Polypeptide I (P4Ha1) RTU ELISA Kit | P4Ha1 rtu elisa kit

Human Prolyl-4-Hydroxylase Alpha Polypeptide I (P4Ha1) ELISA Kit

CATALOG #
AAA219457

REACTIVITY
Human

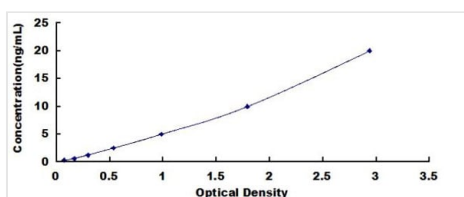
PRODUCT SYNONYMS

Prolyl-4-Hydroxylase Alpha Polypeptide I (P4Ha1); Human Prolyl-4-Hydroxylase Alpha Polypeptide I (P4Ha1) ELISA Kit; Procollagen-Proline; 2-Oxoglutarate 4-Dioxygenase(Proline 4-Hydroxylase); Alpha Polypeptide I; P4Ha1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	534
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P4Ha1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to P4Ha1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to P4Ha1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain P4Ha1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of P4Ha1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	63252886
NCBI GeneID	5033
NCBI Accession #	NP_000908.2
NCBI GenBank Nucleotide #	NM_000917.3
UniProt Accession #	P13674; Q15082; Q15083; Q5VSQ5; C9JL12
Molecular Weight	58,958 Da
NCBI Official Full Name	prolyl 4-hydroxylase subunit alpha-1 isoform 1
NCBI Official Synonym Full Names	prolyl 4-hydroxylase subunit alpha 1
NCBI Official Symbol	P4HA1
NCBI Official Synonym Symbols	P4HA
NCBI Protein Information	prolyl 4-hydroxylase subunit alpha-1
UniProt Protein Name	Prolyl 4-hydroxylase subunit alpha-1
UniProt Gene Name	P4HA1
UniProt Synonym Gene Names	P4HA; 4-PH alpha-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/prolyl-4-hydroxylase-alpha-polypeptide-i-p4ha1/219457>