

Chicken Prolyl 4-hydroxylase subunit alpha-1 ELISA Kit | P4HA1 elisa kit

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CATALOG #
AAA56459

REACTIVITY
Chicken

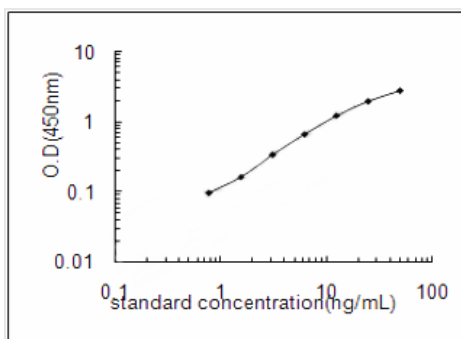
PRODUCT SYNONYMS

Prolyl 4-hydroxylase subunit alpha-1; Chicken Prolyl 4-hydroxylase subunit alpha-1 ELISA Kit; P4HA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay recognizes recombinant and natural chicken 4-PH alpha-1. No significant cross-reactivity or interference was observed.
Sequence Length	516
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.78 ng/ml -50.0 ng/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of chicken 4-PH alpha-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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 P4HA1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to 4-PH alpha-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for 4-PH alpha-1 and 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 4-PH alpha-1, 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 4-PH alpha-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	129365
NCBI GeneID	423704
UniProt Accession #	P16924
Molecular Weight	59,440 Da
NCBI Official Full Name	Prolyl 4-hydroxylase subunit alpha-1
NCBI Official Synonym Full Names	prolyl 4-hydroxylase, alpha polypeptide I
NCBI Official Symbol	P4HA1
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
UniProt Entry Name	P4HA1_CHICK

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/p4ha1-chicken-elisa-kits/prolyl-4-hydroxylase-subunit-alpha-1/56459>