

Chicken Hydroxylysyl Pyridinoline ELISA Kit | HP elisa kit

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CATALOG #
AAA96008

REACTIVITY
Chicken

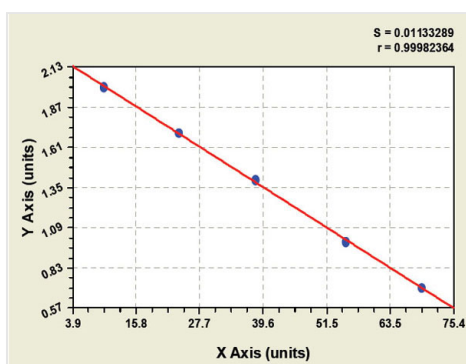
PRODUCT SYNONYMS

Hydroxylysyl Pyridinoline; Chicken Hydroxylysyl Pyridinoline ELISA Kit; HP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 nmol/L.
Intended Uses	This HPYD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken HPYD. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HP elisa kit

Principle of the assay: HPYD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HPYD antibody and an HPYD-HRP conjugate. The assay sample and buffer are incubated together with HPYD-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HPYD concentration since HPYD from samples and HPYD-HRP conjugate compete for the anti-HPYD antibody binding site. Since the number of sites is limited, as more sites are occupied by HPYD from the sample, fewer sites are left to bind HPYD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HPYD concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HP elisa kit

Neurobiology

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/hp-chicken-elisa-kits/hydroxylysyl-pyridinoline/96008>