

Chicken Pyridinoline ELISA Kit | PYD elisa kit

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CATALOG #
AAA90665

REACTIVITY
Chicken

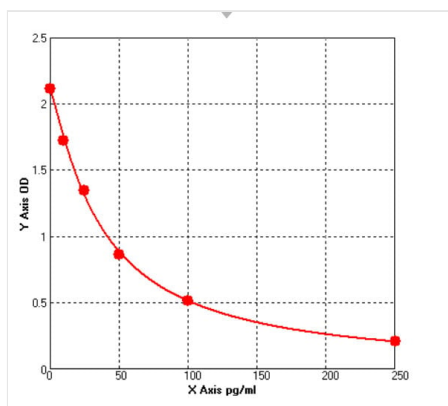
PRODUCT SYNONYMS

Pyridinoline; Chicken Pyridinoline ELISA Kit; PYD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of PYR. No significant cross-reactivity or interference between PYR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PYR and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 nmol/L
Intended Uses	This PYD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PYD. 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 PYD elisa kit	Principle of the Assay: PYR ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PYR antibody and an PYR-HRP conjugate. The assay sample and buffer are incubated together with PYR-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 PYR concentration since PYR from samples and PYR-HRP conjugate compete for the anti-PYR antibody binding site. Since the number of sites is limited, as more sites are occupied by PYR from the sample, fewer sites are left to bind PYR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PYR concentration in each sample is interpolated from this standard curve. Intended Uses: This PYR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PYR. This ELISA kit for research use only, not for therapeutic or test applications!
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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/pyd-chicken-elisa-kits/pyridinoline/90665>