

Mouse Hydroxy-Pyridinium crosslinks ELISA Kit | OH-PYD elisa kit

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CATALOG #
AAA83285

REACTIVITY
Mouse

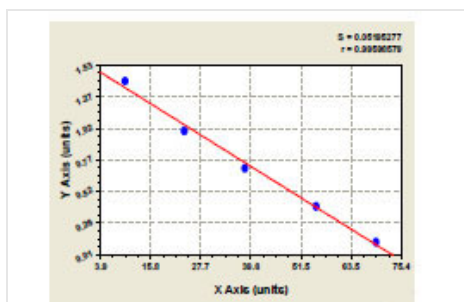
PRODUCT SYNONYMS

Hydroxy-Pyridinium crosslinks; Mouse Hydroxy-Pyridinium crosslinks ELISA Kit; OH-PYD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OH-PYD elisa kit

Intended Uses: This OH-PYD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse OH-PYD. This ELISA kit for research use only!

Principle of the Assay: OH-PYD ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-OH-PYD antibody and an OH-PYD-HRP conjugate. The assay sample and buffer are incubated together with OH-PYD-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 OH-PYD concentration since OH-PYD from samples and OH-PYD-HRP conjugate compete for the anti-OH-PYD antibody binding site. Since the number of sites is limited, as more sites are occupied by OH-PYD from the sample, fewer sites are left to bind OH-PYD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OH-PYD concentration in each sample is interpolated from this standard curve.

Product Categories/Family for OH-PYD elisa kit

Signal Transduction

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/oh-pyd-mouse-elisa-kits/hydroxy-pyridinium-crosslinks/83285>