

Mouse Hydroxylysyl Pyridinoline ELISA Kit | HP elisa kit

Mouse Hydroxylysyl Pyridinoline ELISA Kit

CATALOG #
AAA95941

REACTIVITY
Mouse

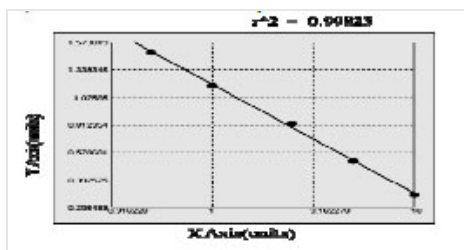
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0nmol/L.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HP elisa kit

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

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

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.