

General Deoxyypyridinoline ELISA Kit | DPD elisa kit

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CATALOG #
AAA310039

REACTIVITY
General

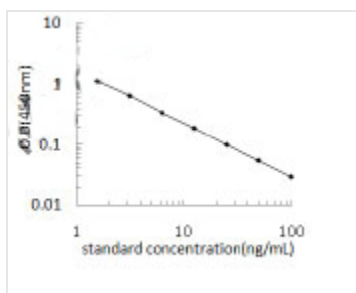
PRODUCT SYNONYMS

Deoxyypyridinoline; General Deoxyypyridinoline ELISA Kit; DPD; DPD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural General Deoxyypyridinoline. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	1.56-100 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPD elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general Deoxyypyridinoline concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Deoxyypyridinoline. During the reaction, Deoxyypyridinoline in the sample or standard competes with a fixed amount of biotin-labeled Deoxyypyridinoline for sites on a pre-coated Monoclonal antibody specific to Deoxyypyridinoline. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 Deoxyypyridinoline in the samples is then determined by comparing the O.D. of the samples to the 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.

