

Chicken Dermato-pontin ELISA Kit | DPT elisa kit

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CATALOG #
AAA96762

REACTIVITY
Chicken

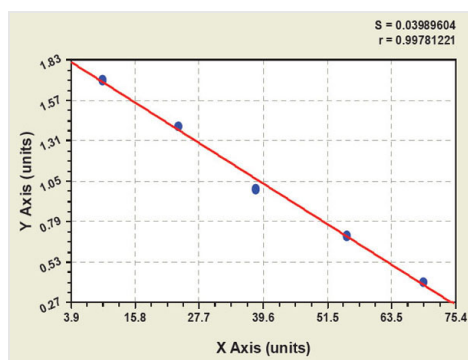
PRODUCT SYNONYMS

Dermato-pontin; Chicken Dermato-pontin ELISA Kit; DPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 DPT elisa kit

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