

Pentosidine ELISA Kit | PTD elisa kit

PTD (Pentosidine) ELISA Kit

CATALOG #
AAA171557

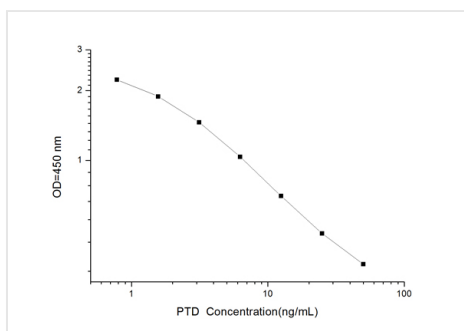
PRODUCT SYNONYMS

Pentosidine; PTD (Pentosidine) ELISA Kit; PTD elisa kit

PRODUCT SPECIFICATIONS

Specificity	This kit recognizes natural and recombinant PTD. No significant cross-reactivity or interference between PTD and analogues was observed.
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTD elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of PTD concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with PTD. During the reaction, PTD in the sample or standard competes with a fixed amount of PTD on the solid phase supporter for sites on the Biotinylated Detection Ab specific to PTD. Excess conjugate and unbound sample or standard are washed from the plate, and 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 PTD in the samples is then determined by comparing the OD 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.

