

Chicken Procalcitonin ELISA Kit | PCT elisa kit

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CATALOG #
AAA89671

REACTIVITY
Chicken

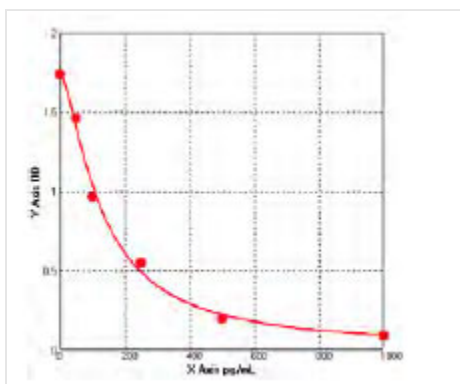
PRODUCT SYNONYMS

Procalcitonin; Chicken Procalcitonin ELISA Kit; PCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCT elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	339502384
NCBI GeneID	10949209
NCBI Accession #	YP_004689804.1
NCBI GenBank Nucleotide #	NC_015730.1
NCBI Official Full Name	propionate CoA-transferase Pct
NCBI Official Symbol	pct
NCBI Protein Information	propionate CoA-transferase Pct

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/pct-chicken-elisa-kits/procalcitonin/89671>