

Mouse Procalcitonin ELISA Kit | PCT elisa kit

Mouse Procalcitonin ELISA Kit

CATALOG #
AAA84919

REACTIVITY
Mouse

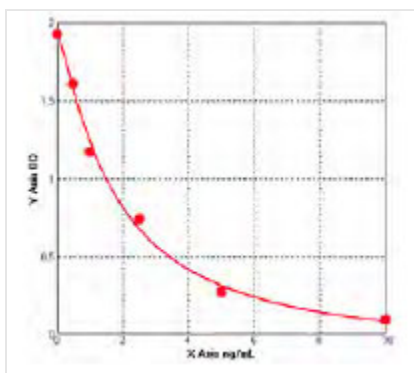
PRODUCT SYNONYMS

Procalcitonin; Mouse Procalcitonin ELISA Kit; PCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/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 Chicken 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.

Product Categories/Family for PCT elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	339502384
NCBI GeneID	10949209
NCBI Accession #	YP_004689804.1
NCBI GenBank Nucleotide #	NC_015730.1
Molecular Weight	69,733 Da
NCBI Official Full Name	propionate CoA-transferase Pct
NCBI Official Symbol	pct
NCBI Protein Information	propionate CoA-transferase Pct
UniProt Protein Name	Propionate CoA-transferase Pct
UniProt Gene Name	pct
UniProt Synonym Gene Names	RLO149_c008140
UniProt Entry Name	F7ZLI1_ROSLO

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pct-mouse-elisa-kits/procalcitonin/84919>