

Mouse PCT ELISA Kit | PCT elisa kit

Mouse PCT (Procalcitonin) ELISA Kit

CATALOG #
AAA21920

REACTIVITY
Mouse

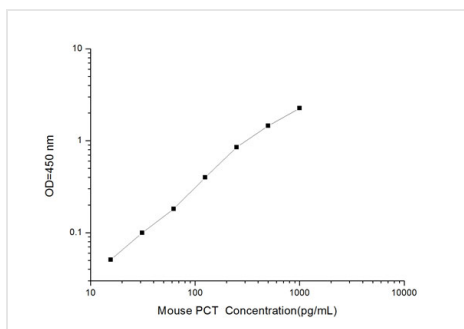
PRODUCT SYNONYMS

PCT; Mouse PCT (Procalcitonin) ELISA Kit; PCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse PCT. No significant cross-reactivity or interference between Mouse PCT and analogues was observed.
Sequence Length	648
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCT elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of MousePCTconcentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PCT. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PCTand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PCT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PCT.You can calculate the concentration of PCTin the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	338756377
NCBI GeneID	10949209
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 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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/pct/21920>