

Rat PCT ELISA Kit | PCT elisa kit

Rat PCT (Procalcitonin) ELISA Kit

CATALOG #
AAA165953

REACTIVITY
Rat

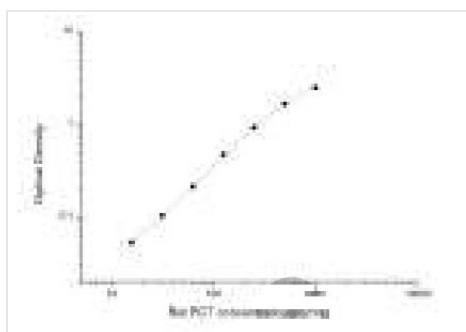
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat PCT in samples. No significant cross-reactivity or interference between Rat PCT and analogues was observed
Sequence Length	648
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000 pg/mL
Sensitivity	9.38 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat PCT were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat PCT were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCT elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat PCT. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat PCT and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat PCT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Rat PCT. You can calculate the concentration of Rat PCT in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat PCT concentrations in serum, plasma and other biological fluids.
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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://www.aaabiotech.com/rat-elisa-kits/pct/165953>