

Rat procalcitonin (PCT) ELISA Kit | PCT elisa kit

Rat procalcitonin, PCT ELISA Kit

CATALOG #
AAA80119

REACTIVITY
Rat

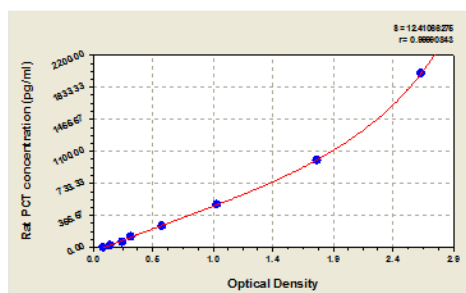
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PCT. No significant cross-reactivity or interference between rat PCT and analogues was observed.
Sequence Length	648
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCT elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PCT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PCT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PCT is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PCT bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	339502384
NCBI GeneID	10949209
NCBI Accession #	YP_004689804.1
NCBI GenBank Nucleotide #	NC_015730.1
UniProt Accession #	F7ZLI1
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/procalcitonin-pct/80119>