

Mouse PCT (Procalcitonin) ELISA Kit | PCT elisa kit

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CATALOG #
AAA248573

REACTIVITY
Mouse

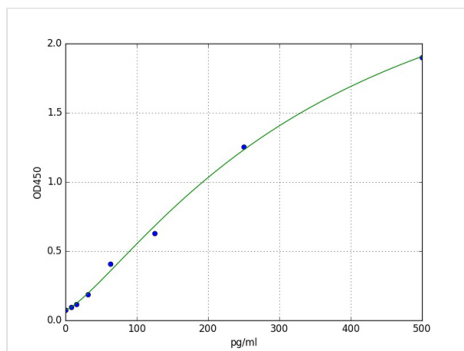
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	291
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCT elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- PCT antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-PCT antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the PCT amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of PCT can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

25090871

NCBI GeneID	56018
UniProt Accession #	Q9JMD3
Molecular Weight	32,951 Da
NCBI Official Full Name	PCTP-like protein
NCBI Official Synonym Full Names	START domain containing 10
NCBI Official Symbol	Stard10
NCBI Official Synonym Symbols	PCTP2; Pctpl; CGI-52; PC-TP2; TISP-81; AV048538; NY-C0-28; Sdccag28; SdccagG28
NCBI Protein Information	PCTP-like protein
UniProt Protein Name	START domain-containing protein 10
UniProt Gene Name	Stard10
UniProt Synonym Gene Names	Pctpl; Sdccag28; Sdccagg28; StARD10; PCTP-L

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/mouse-elisa-kits/pct-procalcitonin/248573>