

Human Procalcitonin (PCT) DIY ELISA Kit | PCT diy elisa kit

Human Procalcitonin (PCT) ELISA Kit DIY Materials

CATALOG # AAA147638	REACTIVITY Human
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PRODUCT SYNONYMS

Procalcitonin (PCT); Human Procalcitonin (PCT) ELISA Kit DIY Materials; Pro-Calcitonin; PCT diy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Abs in the kit have high sensitivity and excellent specificity for detection of Procalcitonin (PCT). No significant cross-reactivity or interference between Procalcitonin (PCT) and analogues was observed.
Sequence Length	141
Assay Type	Double-antibody Sandwich ELISA for Antigen Detection
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	31.2-2000pg/mL
Sensitivity	12.7pg/mL
Reagent Contents	Capture Antibody, Detection Antibody, Standard, Streptavidin-HRP, TMB Substrate, 96-well Plate
Product Usage	1. Coat the plates with 100μL per well of working solution of Capture Antibody.incubate overnight at 4 degree C or incubate at 37 degree C for 2 hours. 2. Aspirate and wash 1 time. 3. Block the plates with 200 μL per well of working solution of Blocking Buffer. Incubate at 37 degree C for 1.5 hours. 4. Aspirate and wash 1 time. The plates are now ready for sample detection, the protocol is the same as regular ELISA.
Other Reagents Required	ELISA/CLIA Support Pack 1. ()
Preparation and Storage	Antibodies, Standard and Streptavidin-HRP should be stored at -20 degree C. TMB should be stored at 4 degree C. 96-well Plate could be stored at room temperature. The contents are valid for twelve months. They are stable for one month after opening when stored at 4 degree C.

ADDITIONAL INFORMATION

Product Categories/Family for PCT diy elisa kit	Infection immunity; Hormone metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76880484
NCBI GeneID	796
NCBI Accession #	NP_001029124.1
NCBI GenBank Nucleotide #	NM_001033952.2
UniProt Accession #	P01258; Q13935; Q13937; Q52LX7; B7ZL39; P06881

Molecular Weight	13,898 Da
NCBI Official Full Name	calcitonin isoform CT preproprotein
NCBI Official Synonym Full Names	calcitonin related polypeptide alpha
NCBI Official Symbol	CALCA
NCBI Official Synonym Symbols	CT; KC; PCT; CGRP; CALC1; CGRP1; CGRP-I
NCBI Protein Information	calcitonin; calcitonin gene-related peptide 1
UniProt Protein Name	Calcitonin
UniProt Gene Name	CALCA
UniProt Synonym Gene Names	CALC1; CCP

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/human-diy-elisa-kits/procalcitonin-pct/147638>