

Human Procalcitonin (PCT) ELISA Kit | PCT elisa kit

Human Procalcitonin (PCT) ELISA Kit

CATALOG #
AAA12801

REACTIVITY
Human

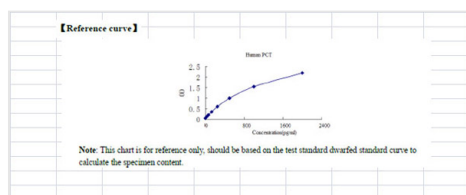
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	113
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	2000 pg/ml-31.2 pg/ml
Sensitivity	Up to 12 pg/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCT elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human PCT monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758364
NCBI GeneID	94195

NCBI Accession #	NP_446039.1
NCBI GenBank Nucleotide #	NM_053587.1
Molecular Weight	13,145 Da
NCBI Official Full Name	protein S100-A9
NCBI Official Synonym Full Names	S100 calcium binding protein A9
NCBI Official Symbol	S100a9
NCBI Official Synonym Symbols	Mrp14
NCBI Protein Information	protein S100-A9; p14; MRP-14; calgranulin-B; myeloid-related protein 14; intracellular calcium-binding protein (MRP14); migration inhibitory factor-related protein 14; S100 calcium binding protein A9 (calgranulin B); S100 calcium-binding protein A9 (calgranulin B)
UniProt Protein Name	Protein S100-A9
UniProt Gene Name	S100a9
UniProt Synonym Gene Names	Mrp14; MRP-14; p14
UniProt Entry Name	S10A9_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/procalcitonin-pct/12801>