

Porcine Procalcitonin (PCT) ELISA Kit | PCT elisa kit

Porcine Procalcitonin (PCT) ELISA Kit

CATALOG #
AAA52983

REACTIVITY
Porcine

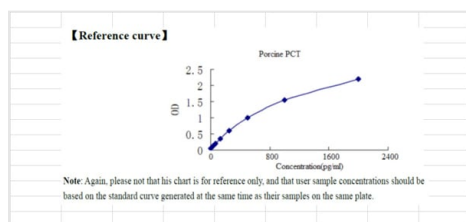
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	113
Assay Type	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: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Porcine PCT monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample 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://stage.aaabiotech.com/porcine-elisa-kits/procalcitonin-pct/52983>