

Bovine Protein Carbonyl (PC) ELISA Kit | PC elisa kit

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CATALOG #
AAA22744

REACTIVITY
Bovine

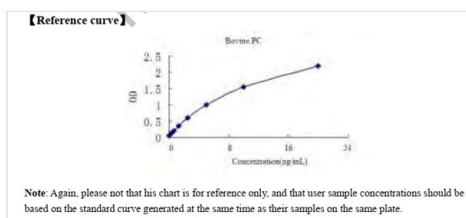
PRODUCT SYNONYMS

Protein Carbonyl (PC); Bovine Protein Carbonyl(PC) Elisa Kit; PC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	327
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/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 PC 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-Bovine PC 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 #	17427264
NCBI GeneID	1219058
UniProt Accession #	Q8Y2T0

Molecular Weight	34,256 Da
NCBI Official Full Name	probable 2-nitropropane dioxygenase, npd; protein
NCBI Official Symbol	RS_RS01250
NCBI Protein Information	2-nitropropane dioxygenase
UniProt Protein Name	Probable 2-nitropropane dioxygenase, npd protein
UniProt Gene Name	RSc0255
UniProt Entry Name	Q8Y2T0_RALSO

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/bovine-ovine-elisa-kits/proteincarbonyl-pc/22744>