

Bovine Peroxiredoxin-2 ELISA Kit | PRDX2 elisa kit

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CATALOG #
AAA23218

REACTIVITY
Bovine

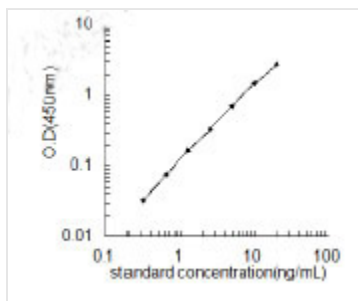
PRODUCT SYNONYMS

Peroxiredoxin-2; Bovine Peroxiredoxin-2 ELISA Kit; PRDX2; 1.11.1.15; PRDX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine Peroxiredoxin-2
Sequence Length	199
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.1 ng/mL
Intra-assay Precision	Intra-Assay CV: <=6.7%
Inter-assay Precision	Inter-Assay CV: <=10.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRDX2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27807469
NCBI GeneID	286793
NCBI Accession #	NP_777188.1
NCBI GenBank Nucleotide #	NM_174763.2
UniProt Accession #	Q9BG13; Q3T0L0
Molecular Weight	21,946 Da
NCBI Official Full Name	peroxiredoxin-2
NCBI Official Symbol	PRDX2
NCBI Protein Information	peroxiredoxin-2
UniProt Protein Name	Peroxiredoxin-2
UniProt Gene Name	PRDX2
UniProt Entry Name	PRDX2_BOVIN

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/prdx2-bovine-ovine-elisa-kits/peroxiredoxin-2/23218>