

Mouse Peroxiredoxin-5, mitochondrial ELISA Kit | Prdx5 elisa kit

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CATALOG #
AAA191638

REACTIVITY
Mouse

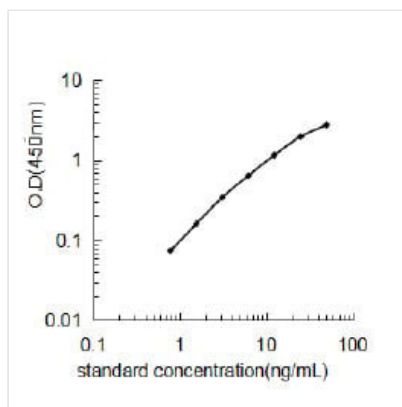
PRODUCT SYNONYMS

Peroxiredoxin-5; mitochondrial; Mouse Peroxiredoxin-5; mitochondrial ELISA Kit; Antioxidant enzyme B166; AOEB166; Liver tissue 2D-page spot 2D-0014IV; PLP; Peroxiredoxin V; Prx-V; Peroxisomal antioxidant enzyme; Thioredoxin peroxidase; Prdx5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Peroxiredoxin-5, mitochondrial
Sequence Length	210
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.452 ng/mL
Intra-assay Precision	<=6.4%
Inter-assay Precision	<=8.9%
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 Prdx5 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755114
NCBI GeneID	54683
NCBI Accession #	NP_036151.1
NCBI GenBank Nucleotide #	NM_012021.2
UniProt Accession #	P99029; Q9QX45; Q9QZ75
Molecular Weight	17,015 Da
NCBI Official Full Name	peroxiredoxin-5, mitochondrial
NCBI Official Synonym Full Names	peroxiredoxin 5
NCBI Official Symbol	Prdx5
NCBI Official Synonym Symbols	AOPP; PrxV; Pmp20; Prdx6; AOEB166
NCBI Protein Information	peroxiredoxin-5, mitochondrial
UniProt Protein Name	Peroxiredoxin-5, mitochondrial
UniProt Gene Name	Prdx5
UniProt Synonym Gene Names	Prdx6; AOEB166; Prx-V
UniProt Entry Name	PRDX5_MOUSE

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/prdx5-mouse-elisa-kits/peroxiredoxin-5-mitochondrial/191638>