

Mouse Peroxiredoxin-1 ELISA Kit | Prdx1 elisa kit

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CATALOG #
AAA191677

REACTIVITY
Mouse

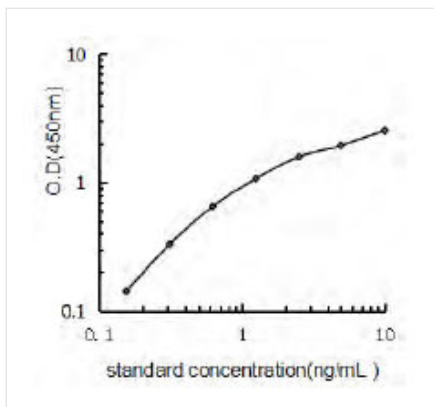
PRODUCT SYNONYMS

Peroxiredoxin-1; Mouse Peroxiredoxin-1 ELISA Kit; Macrophage 23 kDa stress protein; Osteoblast-specific factor 3; OSF-3; Thioredoxin peroxidase 2; Thioredoxin-dependent peroxide reductase 2; Prdx1; Msp23; Paga; Tdp2; Prdx1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Peroxiredoxin-1
Sequence Length	199
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.078 ng/mL
Intra-assay Precision	<=4.6%
Inter-assay Precision	<=7.8%
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 Prdx1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754976
NCBI GeneID	18477
NCBI Accession #	NP_035164.1
NCBI GenBank Nucleotide #	NM_011034.4
UniProt Accession #	P35700; Q3UBV4; Q9CWI2
Molecular Weight	22,176 Da
NCBI Official Full Name	peroxiredoxin-1
NCBI Official Synonym Full Names	peroxiredoxin 1
NCBI Official Symbol	Prdx1
NCBI Official Synonym Symbols	PAG; OSF3; Paga; Prxl; TDX2; TPxA; prx1; MSP23; NkefA; OSF-3; Prdxl; Tdpx2
NCBI Protein Information	peroxiredoxin-1
UniProt Protein Name	Peroxiredoxin-1
UniProt Gene Name	Prdx1
UniProt Synonym Gene Names	Msp23; Paga; Tdpx2; OSF-3
UniProt Entry Name	PRDX1_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/prdx1-mouse-elisa-kits/peroxiredoxin-1/191677>