

Mouse Peroxiredoxin-1, PRDX1 ELISA Kit | PRDX1 elisa kit

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CATALOG #
AAA123413

REACTIVITY
Mouse

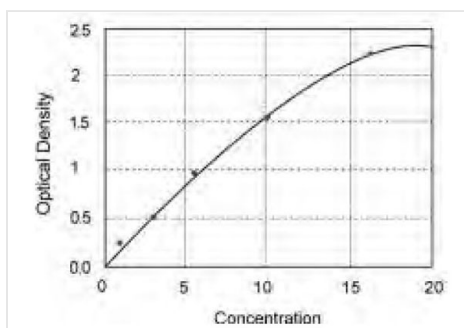
PRODUCT SYNONYMS

Peroxiredoxin-1; PRDX1; Mouse Peroxiredoxin-1; PRDX1 ELISA Kit; PRDX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	199
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/mL
Sensitivity	0.056ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRDX1 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse PRDX1 antibody. PRDX1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse PRDX1 Antibody is added and binds to PRDX1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PRDX1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse PRDX1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Peroxiredoxin-1 (also known as PRDX1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16923958
NCBI GeneID	117254
NCBI GenBank Nucleotide #	NP_476455.1
UniProt Accession #	Q63716
NCBI Official Full Name	peroxiredoxin-1
NCBI Official Synonym Full Names	peroxiredoxin 1
NCBI Official Symbol	Prdx1
NCBI Official Synonym Symbols	Hbp23
NCBI Protein Information	peroxiredoxin-1
UniProt Protein Name	Peroxiredoxin-1
UniProt Gene Name	Prdx1
UniProt Synonym Gene Names	Tdpx2
UniProt Entry Name	PRDX1_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/peroxiredoxin-1-prdx1/123413>