

Mouse Peroxiredoxin-6 ELISA Kit | PRDX6 elisa kit

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CATALOG #
AAA93952

REACTIVITY
Mouse

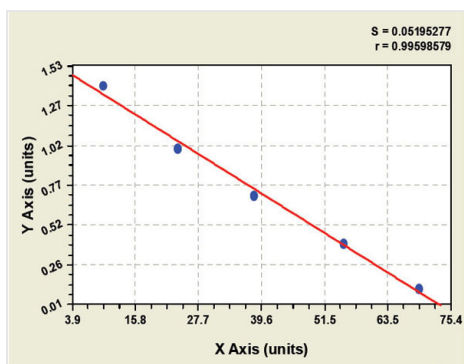
PRODUCT SYNONYMS

Peroxiredoxin-6; Mouse Peroxiredoxin-6 ELISA Kit; PRDX6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	224
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This PRDX6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PRDX6. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRDX6 elisa kit

Principle of the Assay: PRDX6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PRDX6 antibody and an PRDX6-HRP conjugate. The assay sample and buffer are incubated together with PRDX6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PRDX6 concentration since PRDX6 from samples and PRDX6-HRP conjugate compete for the anti-PRDX6 antibody binding site. Since the number of sites is limited, as more sites are occupied by PRDX6 from the sample, fewer sites are left to bind PRDX6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PRDX6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758638
NCBI GeneID	9588
NCBI Accession #	NP_004896.1
NCBI GenBank Nucleotide #	NM_004905.2
UniProt Accession #	P30041; P32077; Q5TAH4; Q5ZEZ8; A8JZY7
Molecular Weight	25,035 Da
NCBI Official Full Name	peroxiredoxin-6
NCBI Official Synonym Full Names	peroxiredoxin 6
NCBI Official Symbol	PRDX6
NCBI Official Synonym Symbols	PRX; p29; AOP2; 1-Cys; NSGPx; aiPLA2; HEL-S-128m
NCBI Protein Information	peroxiredoxin-6
UniProt Protein Name	Peroxioredoxin-6
UniProt Gene Name	PRDX6
UniProt Synonym Gene Names	AOP2; KIAA0106; 1-Cys PRX; aiPLA2; NSGPx
UniProt Entry Name	PRDX6_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/prdx6-mouse-elisa-kits/peroxiredoxin-6/93952>