

Human peroxiredoxin 2 (PRDX2) ELISA Kit | PRDX2 elisa kit

Human peroxiredoxin 2, PRDX2 ELISA Kit

CATALOG #
AAA80964

REACTIVITY
Human

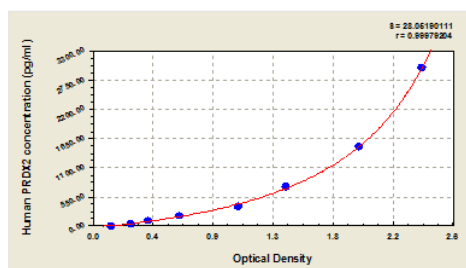
PRODUCT SYNONYMS

peroxiredoxin 2 (PRDX2); Human peroxiredoxin 2; PRDX2 ELISA Kit; Human peroxiredoxin 2 (PRDX2) ELISA kit; PRDX2; MGC4104; NKEFB; PRP; PRX2; PRXII; TDPX1; TSA; natural killer-enhancing factor B; thiol-specific antioxidant 1; thioredoxin peroxidase 1; thioredoxin-dependent peroxide reductase 1; torin; PRDX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PRCP. No significant cross-reactivity or interference between mouse PRCP and analogues was observed.
Sequence Length	198
Samples	Serum, Plasma, Tissue Homogenates And Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	37.5 pg/ml-2400 pg/ml
Sensitivity	9.37 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRDX2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PRCP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRCP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRCP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRCP bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	32189392
NCBI GeneID	7001
NCBI Accession #	NP_005800.3
NCBI GenBank Nucleotide #	NM_005809.5
UniProt Accession #	P32119; P31945; P32118; P35701; Q6FHG4; Q92763; Q9UC23; A8K0C0
Molecular Weight	21,892 Da
NCBI Official Full Name	peroxiredoxin-2
NCBI Official Synonym Full Names	peroxiredoxin 2
NCBI Official Symbol	PRDX2
NCBI Official Synonym Symbols	PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B; HEL-S-2a
NCBI Protein Information	peroxiredoxin-2; torin; thioredoxin peroxidase 1; thiol-specific antioxidant 1; natural killer cell-enhancing factor B; thioredoxin-dependent peroxide reductase 1; epididymis secretory sperm binding protein Li 2a
UniProt Protein Name	Peroxiredoxin-2
UniProt Gene Name	PRDX2
UniProt Synonym Gene Names	NKEFB; TDPX1; NKEF-B; TSA
UniProt Entry Name	PRDX2_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/human-elisa-kits/peroxiredoxin-2-prdx2/80964>