

Rat Peroxiredoxin 3 (PRDX3) ELISA Kit | PRDX3 elisa kit

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CATALOG #
AAA121244

REACTIVITY
Rat

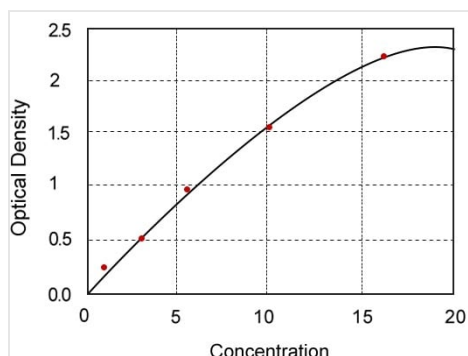
PRODUCT SYNONYMS

Peroxiredoxin 3 (PRDX3); Rat Peroxiredoxin 3 (PRDX3) ELISA Kit; PRDX3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	234
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.25ng/ml
Intra-Assay	CV<8%
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 PRDX3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Peroxiredoxin 3 (also known as PRDX3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat PRDX3 antibody. PRDX3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PRDX3 Antibody is added and binds to PRDX3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PRDX3 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 Rat PRDX3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17738015
NCBI GeneID	42109
NCBI Accession #	NP_524387.1
NCBI GenBank Nucleotide #	NM_079663.3
NCBI Official Full Name	peroxiredoxin 3
NCBI Official Synonym Full Names	Peroxiredoxin 3
NCBI Official Symbol	Prx3
NCBI Official Synonym Symbols	CG5826; DmelCG5826; dPrx3; DPx-5037; DPx5037; mTPx; mtTPx; peroxiredoxin 5037; Prx5037
NCBI Protein Information	peroxiredoxin 3

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/rat-elisa-kits/peroxiredoxin-3-prdx3/121244>