

Rat Peroxiredoxin 5 (PRDX5) ELISA Kit | PRDX5 elisa kit

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CATALOG #
AAA121245

REACTIVITY
Rat

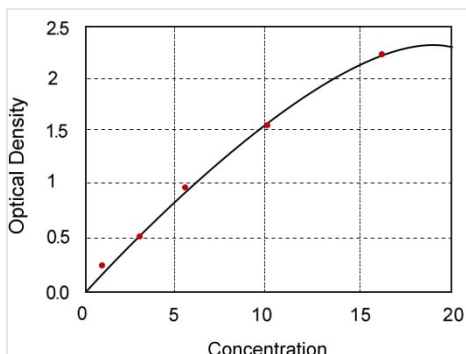
PRODUCT SYNONYMS

Peroxiredoxin 5 (PRDX5); Rat Peroxiredoxin 5 (PRDX5) ELISA Kit; PRDX5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	190
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.052ng/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 PRDX5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Peroxiredoxin 5 (also known as PRDX5) 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 PRDX5 antibody. PRDX5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PRDX5 Antibody is added and binds to PRDX5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PRDX5 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 PRDX5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	78709078
NCBI GeneID	3771951
NCBI Accession #	NP_650679.3
NCBI GenBank Nucleotide #	NM_142422.5
NCBI Official Full Name	peroxiredoxin 5, isoform A
NCBI Official Synonym Full Names	Peroxiredoxin 5
NCBI Official Symbol	Prx5
NCBI Official Synonym Symbols	CG 32920; CG 7217; CG32920; CG7217; DmelCG7217; dprx5; dPrx5; dPrxV; prx5
NCBI Protein Information	peroxiredoxin 5

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-5-prdx5/121245>