

Rat thioredoxin reductase, TrxR ELISA Kit | TrxR elisa kit

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CATALOG #
AAA42022

REACTIVITY
Rat

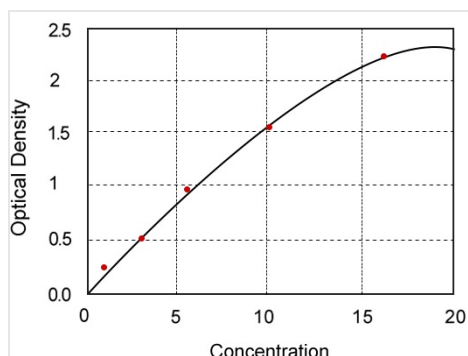
PRODUCT SYNONYMS

thioredoxin reductase; TrxR; Rat thioredoxin reductase; TrxR ELISA Kit; TrxR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	511
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 40ng/ml
Sensitivity	0.02ng/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 TrxR elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	5360756
NCBI GeneID	282389
UniProt Accession #	Q9N2I8
Molecular Weight	54,670 Da
NCBI Official Full Name	thioredoxin reductase
NCBI Official Synonym Full Names	thioredoxin reductase 2
NCBI Official Symbol	TXNRD2
NCBI Protein Information	thioredoxin reductase 2, mitochondrial
UniProt Protein Name	Thioredoxin reductase 2, mitochondrial
UniProt Gene Name	TXNRD2
UniProt Synonym Gene Names	TRXR2

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/thioredoxin-reductase-trxr/42022>