

Mouse Thioredoxin reductase 1, cytoplasmic ELISA Kit | Txnrd1 elisa kit

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CATALOG #
AAA56105

REACTIVITY
Mouse

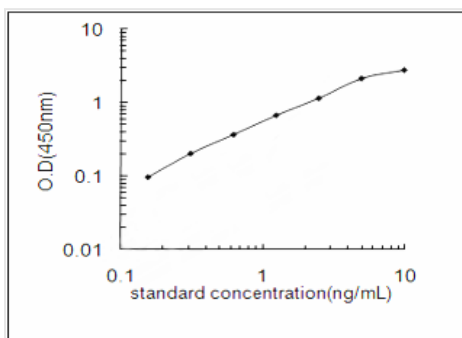
PRODUCT SYNONYMS

Thioredoxin reductase 1; cytoplasmic; Mouse Thioredoxin reductase 1; cytoplasmic ELISA Kit; Txnrd1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse TR. No significant cross-reactivity or interference was observed.
Sequence Length	551
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.091 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=7.6%
Recovery	107%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Txnrd1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TR and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain TR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of TR in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110224442
NCBI GeneID	50493
NCBI Accession #	NP_001035978.1
NCBI GenBank Nucleotide #	NM_001042513.1
UniProt Accession #	Q9JMH6; Q3UEB7; Q3UK84; Q8CI31; Q99P49; Q9CSV5
Molecular Weight	54,544 Da
NCBI Official Full Name	thioredoxin reductase 1, cytoplasmic isoform 2
NCBI Official Synonym Full Names	thioredoxin reductase 1
NCBI Official Symbol	Txnrd1
NCBI Official Synonym Symbols	TR; TR1; TrxR1
NCBI Protein Information	thioredoxin reductase 1, cytoplasmic
UniProt Protein Name	Thioredoxin reductase 1, cytoplasmic
UniProt Gene Name	Txnrd1
UniProt Synonym Gene Names	Trxr1; TR
UniProt Entry Name	TRXR1_MOUSE

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/txnrd1-mouse-elisa-kits/thioredoxin-reductase-1-cytoplasmic/56105>