

Mouse Trx (Thioredoxin) ELISA Kit | Trx elisa kit

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CATALOG #
AAA278189

REACTIVITY
Mouse

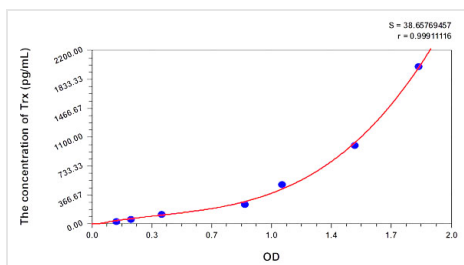
PRODUCT SYNONYMS

Trx (Thioredoxin); Mouse Trx (Thioredoxin) ELISA Kit; TXN; ADF; SASP; TRDX; TRX1; ATL-derived factor; Surface-associated sulphhydryl protein; Trx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Trx elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse Trx. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse Trx. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse Trx, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse Trx in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for Trx elisa kit

[Metabolic pathway](#); [Developmental science](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9903609
NCBI GeneID	56551
NCBI Accession #	NP_064297.1

NCBI GenBank Nucleotide #	NM_019913.5
UniProt Accession #	P97493 ; Q545D5 ; A2A440
Molecular Weight	18,255 Da
NCBI Official Full Name	thioredoxin, mitochondrial
NCBI Official Synonym Full Names	thioredoxin 2
NCBI Official Symbol	Txn2
NCBI Official Synonym Symbols	Trx2; AI788873; 2510006J11Rik
NCBI Protein Information	thioredoxin, mitochondrial; MTRX; mt-Trx; thioredoxin-2; thioredoxin nuclear gene encoding mitochondrial protein
UniProt Protein Name	Thioredoxin, mitochondrial
UniProt Gene Name	Txn2
UniProt Synonym Gene Names	MTRX; Mt-Trx
UniProt Entry Name	THIOM_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/mouse-elisa-kits/trx-thioredoxin/278189>