

Human Thioredoxin ELISA Kit | TXN elisa kit

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CATALOG #
AAA192298

REACTIVITY
Human

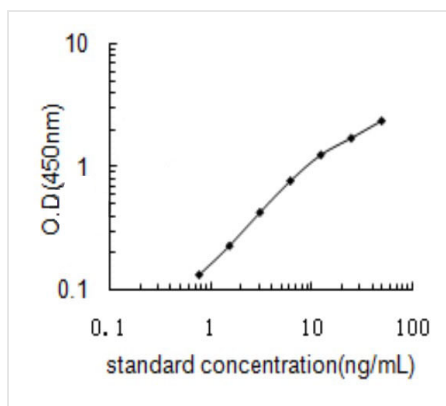
PRODUCT SYNONYMS

Thioredoxin; Human Thioredoxin ELISA Kit; Trx; ATL-derived factor; ADF; Surface-associated sulphydryl protein; SASP; TXN; TRDX; TRX; TRX1; TXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Thioredoxin, Trx
Sequence Length	85
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.195 ng/mL
Intra-assay Precision	<=4.7%
Inter-assay Precision	<=7.2%
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 TXN elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	349732256
NCBI GeneID	7295
NCBI Accession #	NP_001231867.1
NCBI GenBank Nucleotide #	NM_001244938.1
UniProt Accession #	P10599; O60744; Q53X69; Q96KI3; Q9UDG5; B1ALW1
Molecular Weight	9,452 Da
NCBI Official Full Name	thioredoxin isoform 2
NCBI Official Synonym Full Names	thioredoxin
NCBI Official Symbol	TXN
NCBI Official Synonym Symbols	TRX; TRDX; TRX1
NCBI Protein Information	thioredoxin
UniProt Protein Name	Thioredoxin
UniProt Gene Name	TXN
UniProt Synonym Gene Names	TRDX; TRX; TRX1; Trx; ADF; SASP
UniProt Entry Name	THIO_HUMAN

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/txn-human-elisa-kits/thioredoxin/192298>