

Human Trx (Thioredoxin) ELISA Kit | Trx elisa kit

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CATALOG #
AAA278188

REACTIVITY
Human

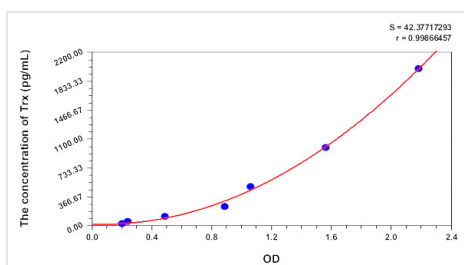
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.12ng/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 Human Trx. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human 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 #	21361403
NCBI GeneID	25828
NCBI Accession #	NP_036605.2

NCBI GenBank Nucleotide #	NM_012473.3
UniProt Accession #	Q99757 ; Q5JZA0 ; Q6FH60 ; Q9UH29
Molecular Weight	18,383 Da
NCBI Official Full Name	thioredoxin, mitochondrial
NCBI Official Synonym Full Names	thioredoxin 2
NCBI Official Symbol	TXN2
NCBI Official Synonym Symbols	MTRX; TRX2; MT-TRX
NCBI Protein Information	thioredoxin, mitochondrial; mitochondrial thioredoxin; thioredoxin-2
UniProt Protein Name	Thioredoxin, mitochondrial
UniProt Gene Name	TXN2
UniProt Synonym Gene Names	TRX2; MTRX; Mt-Trx
UniProt Entry Name	THIOM_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://www.aaabiotech.com/human-elisa-kits/trx-thioredoxin/278188>