

Human Thioredoxin 1 ELISA Kit | TXN elisa kit

Human Thioredoxin 1 ELISA Kit

CATALOG # AAA105807	REACTIVITY Human	APPLICATIONS ELISA
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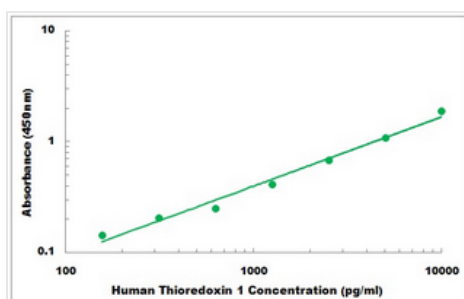
PRODUCT SYNONYMS

Thioredoxin 1; Human Thioredoxin 1 ELISA Kit; TRDX; TRX; TRX1; Thioredoxin; Trx; ATL-derived factor; ADF; Surface-associated sulphhydryl protein; SASP; TXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Thioredoxin 1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Thioredoxin 1 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	85
Samples	Cell Culture Supernatants, Serum, Plasma
Assay Type	Sandwich
Sensitivity	The minimum detectable dose of Human Thioredoxin 1 is typically less than 10 pg/ml.
Applicable Applications for TXN elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TXN elisa kit	Principle of the assay: The Human Thioredoxin 1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Thioredoxin 1 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human Thioredoxin 1 coated on a 96-well plate. Standards and samples are pipetted into the wells and Thioredoxin 1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Thioredoxin 1 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Thioredoxin 1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: Sandwich Enzyme-Linked Immunosorbent Assay for Quantitative Detection of Human Thioredoxin 1 Concentrations in Cell Culture Supernatants, Serum, Plasma.
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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; ADF; SASP; TXN delta 3; ATL-derived factor; thioredoxin delta 3; surface-associated sulphydryl protein
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.