

Human thioredoxin ELISA Kit | TXN elisa kit

Human Thioredoxin, Trx ELISA Kit

CATALOG #
AAA79768

REACTIVITY
Human

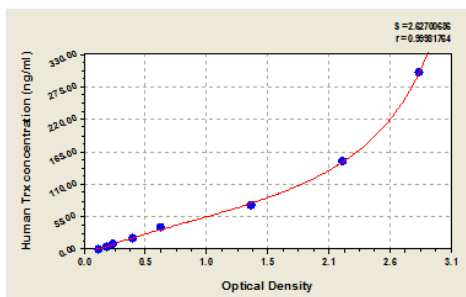
PRODUCT SYNONYMS

thioredoxin; Human Thioredoxin; Trx ELISA Kit; RP11-427L11.1; DKFZp686B1993; MGC61975; TRX; TRX1; ; TXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Trx. No significant cross-reactivity or interference between human Trx and analogues was observed.
Sequence Length	85
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	4.688 ng/ml-300 ng/ml
Sensitivity	<1.172 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TXN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Trx has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Trx present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Trx is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Trx bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	11,737 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 sulphhydryl 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.

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Online datasheet: <https://stage.aaabiotech.com/txn-human-elisa-kits/thioredoxin/79768>