

Human Trx (Thioredoxin) CLIA Kit | Trx clia kit

Human Trx (Thioredoxin) CLIA Kit

CATALOG #
AAA171192

REACTIVITY
Human

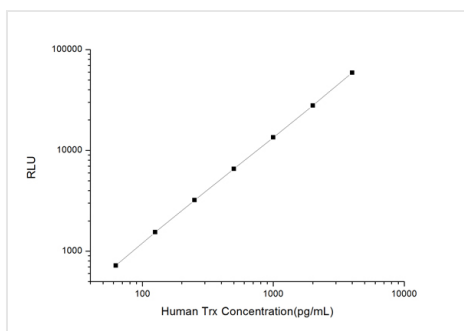
PRODUCT SYNONYMS

Trx (Thioredoxin); Human Trx (Thioredoxin) CLIA Kit; TXN; TRDX; TRX1; Trx clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Trx. No significant cross-reactivity or interference between Trx and analogues was observed.
Sequence Length	105
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Trx clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of Trx concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Trx. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Trx and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Trx, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of Trx. You can calculate the concentration of Trx in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755911
NCBI GeneID	22166
NCBI Accession #	NP_035790.1
NCBI GenBank Nucleotide #	NM_011660.3
Molecular Weight	11,675 Da
NCBI Official Full Name	thioredoxin
NCBI Official Synonym Full Names	thioredoxin 1
NCBI Official Symbol	Txn1
NCBI Official Synonym Symbols	ADF; Txn; Trx1; AW550880
NCBI Protein Information	thioredoxin
UniProt Protein Name	Thioredoxin
UniProt Gene Name	Txn
UniProt Synonym Gene Names	Txn1; Trx; ADF
UniProt Entry Name	THIO_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-clia-kits/trx-thioredoxin/171192>