

Human thioredoxin domain containing 5 (endoplasmic reticulum) ELISA Kit | TXNDC5 elisa kit

Human Thioredoxin domain-containing protein 5, TXNDC5 ELISA Kit

CATALOG # AAA18364	REACTIVITY Human
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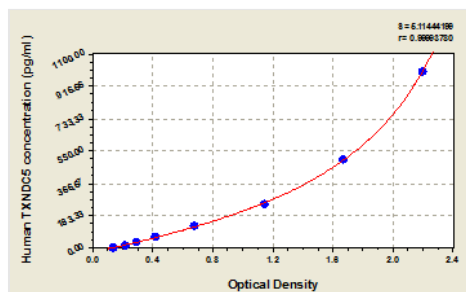
PRODUCT SYNONYMS

thioredoxin domain containing 5 (endoplasmic reticulum); Human Thioredoxin domain-containing protein 5; TXNDC5 ELISA Kit; Human Thioredoxin domain-containing protein 5 (TXNDC5) ELISA kit; ERP46; EndoPDI; Hcc-2; MGC3178; PDIA15; UNQ364; endothelial protein disulphide isomerase; protein disulfide isomerase family A; member 15; thioredoxin domain containing 5; thioredoxin related protein; TXNDC5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TXNDC5. No significant cross-reactivity or interference between human TXNDC5 and analogues was observed.
Sequence Length	432
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 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 TXNDC5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TXNDC5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TXNDC5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TXNDC5 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 TXNDC5 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 #	224493972
NCBI GeneID	81567
NCBI Accession #	NP_001139021.1
NCBI GenBank Nucleotide #	NM_001145549.2
UniProt Accession #	Q8NBS9; Q5TCQ0; Q8ND33; Q8TCT2; Q9BVH9; B2RDM2
Molecular Weight	47,629 Da
NCBI Official Full Name	thioredoxin domain-containing protein 5 isoform 3
NCBI Official Synonym Full Names	thioredoxin domain containing 5 (endoplasmic reticulum)
NCBI Official Symbol	TXNDC5
NCBI Official Synonym Symbols	ERP46; HCC-2; STRF8; PDIA15; UNQ364; ENDOPDI
NCBI Protein Information	thioredoxin domain-containing protein 5; ER protein 46; thioredoxin related protein; thioredoxin-like protein p46; endoplasmic reticulum protein ERp46; endothelial protein disulphide isomerase; endoplasmic reticulum resident protein 46; protein disulfide isomerase family A, member 15
UniProt Protein Name	Thioredoxin domain-containing protein 5
UniProt Gene Name	TXNDC5
UniProt Synonym Gene Names	TLP46; UNQ364/PRO700; ER protein 46; ERp46
UniProt Entry Name	TXND5_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/txndc5-human-elisa-kits/thioredoxin-domain-containing-5-endoplasmic-reticulum/18364>