

Mouse Thioredoxin ELISA Kit | Trx elisa kit

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CATALOG #
AAA15964

REACTIVITY
Mouse

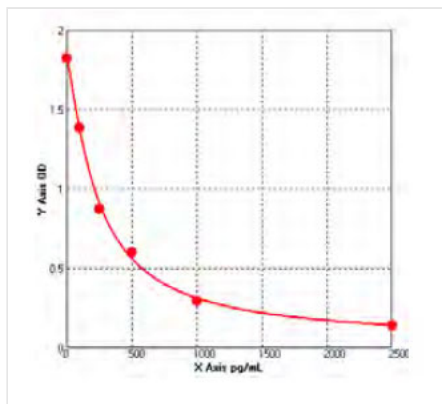
PRODUCT SYNONYMS

Thioredoxin; Mouse Thioredoxin ELISA Kit; Trx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TRX. No significant cross-reactivity or interference between TRX and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TRX and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Trx elisa kit	Principle of the Assay: TRX ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TRX antibody and an TRX-HRP conjugate. The assay sample and buffer are incubated together with TRX-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TRX concentration since TRX from samples and TRX-HRP conjugate compete for the anti-TRX antibody binding site. Since the number of sites is limited, as more sites are occupied by TRX from the sample, fewer sites are left to bind TRX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TRX concentration in each sample is interpolated from this standard curve. Intended Uses: This TRX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TRX. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15603570
NCBI GeneID	1245052
NCBI Accession #	NP_246644.1
NCBI GenBank Nucleotide #	NC_002663.1
NCBI Official Full Name	hypothetical protein PM1705
NCBI Official Symbol	trx
NCBI Protein Information	hypothetical protein

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/trx-mouse-elisa-kits/thioredoxin/15964>