

Mouse TrxR1 (Thioredoxin Reductase 1) ELISA Kit | TrxR1 elisa kit

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CATALOG #
AAA278190

REACTIVITY
Mouse

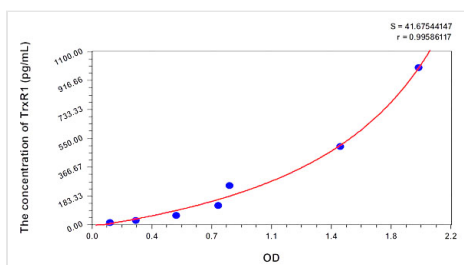
PRODUCT SYNONYMS

TrxR1 (Thioredoxin Reductase 1); Mouse TrxR1 (Thioredoxin Reductase 1) ELISA Kit; TXNRD1; TR1; GRIM12; KDRF; TRXR-1; TXNR; Gene associated with retinoic and interferon-induced mortality 12 protein; KM-102-derived reductase-like factor; TrxR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.056ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TrxR1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse TrxR1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TrxR1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse TrxR1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse TrxR1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TrxR1 elisa kit

[Signal transduction](#); [Enzyme & Kinase](#); [Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110224442
NCBI GeneID	50493

NCBI Accession #	NP_001035978.1
NCBI GenBank Nucleotide #	NM_001042513.1
UniProt Accession #	Q9JMH6 ; Q3UEB7 ; Q3UK84 ; Q8CI31 ; Q99P49 ; Q9CSV5
Molecular Weight	54,544 Da
NCBI Official Full Name	thioredoxin reductase 1, cytoplasmic isoform 2
NCBI Official Synonym Full Names	thioredoxin reductase 1
NCBI Official Symbol	Txnrd1
NCBI Official Synonym Symbols	TR; TR1; TrxR1
NCBI Protein Information	thioredoxin reductase 1, cytoplasmic
UniProt Protein Name	Thioredoxin reductase 1, cytoplasmic
UniProt Gene Name	Txnrd1
UniProt Synonym Gene Names	Trxr1; TR
UniProt Entry Name	TRXR1_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/trxr1-thioredoxin-reductase-1/278190>