

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

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CATALOG #
AAA219021

REACTIVITY
Mouse

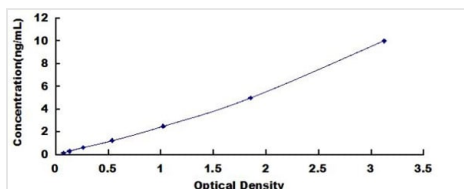
PRODUCT SYNONYMS

Thioredoxin Reductase 1 (TrxR1); Mouse Thioredoxin Reductase 1 (TrxR1) 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 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	499
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TrxR1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TrxR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 $\pm$ 10nm. The concentration of TrxR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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 1
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

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/mouse-rtu-elisa-kits/thioredoxin-reductase-1-trxr1/219021>