

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

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CATALOG #
AAA55227

REACTIVITY
Human

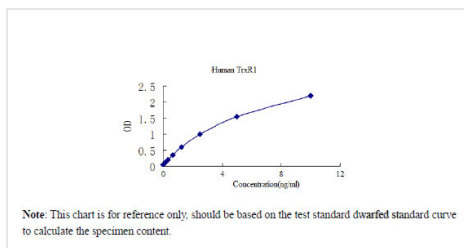
PRODUCT SYNONYMS

Thioredoxin Reductase 1 (TrxR1); Human Thioredoxin Reductase 1 (TrxR1) ELISA Kit; TrxR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	647
Samples	Human serum, plasma or cell culture supernatant and organizations in the natural and recombinant TrxR1 concentration.
Assay Type	Sandwich
Detection Range	10 ng/ml-0.156ng/ml
Sensitivity	0.05 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TrxR1 elisa kit

Principle of the Assay||This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human TrxR1 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI # 37542493

NCBI GeneID	7296
Molecular Weight	50,873 Da
NCBI Official Full Name	thioredoxin reductase 1
NCBI Official Synonym Full Names	thioredoxin reductase 1
NCBI Official Symbol	TXNRD1
NCBI Official Synonym Symbols	TR; TR1; TXNR; TRXR1; GRIM-12
NCBI Protein Information	thioredoxin reductase 1, cytoplasmic; oxidoreductase; thioredoxin reductase TR1; thioredoxin reductase GRIM-12; KM-102-derived reductase-like factor; gene associated with retinoic and IFN-induced mortality 12 protein; gene associated with retinoic and interferon-induced mortality 12 protein
UniProt Protein Name	Thioredoxin reductase 1, cytoplasmic
UniProt Gene Name	TXNRD1
UniProt Synonym Gene Names	GRIM12; KDRF; TR; GRIM-12; Gene associated with retinoic and IFN-induced mortality 12 protein
UniProt Entry Name	TRXR1_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/human-elisa-kits/thioredoxin-reductase-1-trxr1/55227>