

Human Thioredoxin Reductase 2 (TrxR2) ELISA Kit | TrxR2 elisa kit

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CATALOG # AAA53703	REACTIVITY Human
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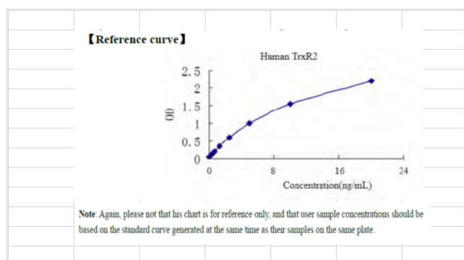
PRODUCT SYNONYMS

Thioredoxin Reductase 2 (TrxR2); Human Thioredoxin Reductase 2 (TrxR2) ELISA Kit; TrxR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	607
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 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 TrxR2 elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human TrxR2 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291045268
NCBI GeneID	114112

NCBI Accession #	NP_001166984.1
NCBI GenBank Nucleotide #	NM_001173513.1
Molecular Weight	70,683 Da
NCBI Official Full Name	thioredoxin reductase 3 isoform 2
NCBI Official Synonym Full Names	thioredoxin reductase 3
NCBI Official Symbol	TXNRD3
NCBI Official Synonym Symbols	TGR; TR2; TRXR3
NCBI Protein Information	thioredoxin reductase 3; thioredoxin reductase 2; thioredoxin reductase TR2; thioredoxin glutathione reductase; thioredoxin and glutathione reductase
UniProt Protein Name	Thioredoxin reductase 3
UniProt Gene Name	TXNRD3
UniProt Synonym Gene Names	TGR; TRXR3
UniProt Entry Name	TRXR3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/thioredoxin-reductase-2-trxr2/53703>