

Human Transcription factor 7-like 2 ELISA Kit | TCF7L2 elisa kit

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CATALOG #
AAA193020

REACTIVITY
Human

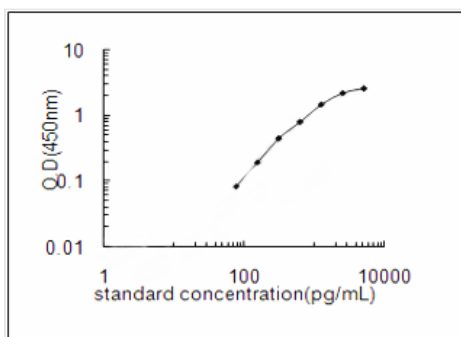
PRODUCT SYNONYMS

Transcription factor 7-like 2; Human Transcription factor 7-like 2 ELISA Kit; HMG box transcription factor 4; T-cell-specific transcription factor 4; T-cell factor 4; TCF-4; hTCF-4; TCF7L2; TCF4; TCF7L2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human TCF7L2. No significant cross-reactivity or interference was observed.
Sequence Length	602
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	54pg/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=7.5%
Recovery	106%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TCF7L2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human transcription factor 7-like 2,TCF7L2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TCF7L2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TCF7L2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain TCF7L2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of TCF7L2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226371764
NCBI GeneID	6934
NCBI Accession #	NP_001139746.1
NCBI GenBank Nucleotide #	NM_001146274.1
UniProt Accession #	Q9NQB0; B4DRJ8; B9X074; C6ZRJ8; C6ZRK0; E2GH14; E2GH19; E2GH20; E2GH24; E2GH25; E9PFH9; F8W742
Molecular Weight	36,884 Da
NCBI Official Full Name	transcription factor 7-like 2 isoform 1
NCBI Official Synonym Full Names	transcription factor 7 like 2
NCBI Official Symbol	TCF7L2
NCBI Official Synonym Symbols	TCF4; TCF-4
NCBI Protein Information	transcription factor 7-like 2
UniProt Protein Name	Transcription factor 7-like 2
UniProt Gene Name	TCF7L2
UniProt Synonym Gene Names	TCF4; T-cell factor 4; TCF-4; hTCF-4
UniProt Entry Name	TF7L2_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.