

Human Transcription factor 7 (TCF7) ELISA Kit | TCF7 elisa kit

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CATALOG #
AAA43823

REACTIVITY
Human

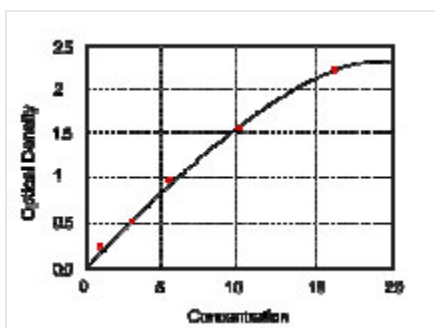
PRODUCT SYNONYMS

Transcription factor 7 (TCF7); Human Transcription factor 7 (TCF7) ELISA Kit; TCF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	303
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.1-40ng/ml
Sensitivity	0.054ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TCF7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Transcription factor 7 (also known as TCF7) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human TCF7 antibody. TCF7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TCF7 Antibody is added and binds to TCF7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TCF7 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human TCF7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	928589388
NCBI GeneID	21414
NCBI Accession #	NP_001300910.1
NCBI GenBank Nucleotide #	NM_001313981.1
UniProt Accession #	Q00417
Molecular Weight	33,609 Da
NCBI Official Full Name	transcription factor 7
NCBI Official Synonym Full Names	transcription factor 7, T cell specific
NCBI Official Symbol	Tcf7
NCBI Official Synonym Symbols	Tcf1; TCF-1; AI465550
NCBI Protein Information	transcription factor 7
UniProt Protein Name	Transcription factor 7
UniProt Gene Name	Tcf7
UniProt Synonym Gene Names	Tcf-1; Tcf1; TCF-7; T-cell factor 1; TCF-1

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/transcription-factor-7-tcf7/43823>