

Human Transcription factor E2-alpha ELISA Kit | TCF3 elisa kit

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CATALOG #
AAA100591

REACTIVITY
Human

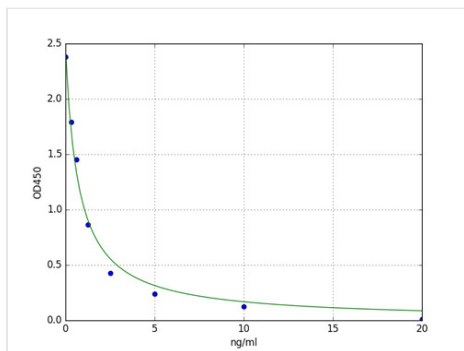
PRODUCT SYNONYMS

Transcription factor E2-alpha; Human Transcription factor E2-alpha ELISA Kit; TCF3/Transcription factor E2-alpha/Transcription factor ITF-1/Transcription factor 3/TCF-3/Kappa-E2-binding factor/Immunoglobulin transcription factor 1/Class B basic helix-loop-helix protein 21/bHLHb21/Immunoglobulin enhancer-binding factor E12/E47/BHLHB21/E2A/ITF1; TCF3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	651
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human TCF3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	2.444	1.990	1.683	1.287	0.903	0.642	0.421	0.343

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TCF3 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human TCF3. During the reaction, Human TCF3 in the sample or standard competes with a fixed amount of biotin-labeled Human TCF3 for sites on a precoated Monoclonal antibody specific to Human TCF3. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human TCF3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209915594
NCBI GeneID	6929
NCBI Accession #	NP_001129611.1
NCBI GenBank Nucleotide #	NM_001136139.2
Molecular Weight	68,510 Da
NCBI Official Full Name	transcription factor E2-alpha isoform E47
NCBI Official Synonym Full Names	transcription factor 3
NCBI Official Symbol	TCF3
NCBI Official Synonym Symbols	E2A; E47; ITF1; VDIR; TCF-3; bHLHb21
NCBI Protein Information	transcription factor E2-alpha
UniProt Protein Name	Transcription factor E2-alpha
UniProt Gene Name	TCF3
UniProt Synonym Gene Names	BHLHB21; E2A; ITF1; bHLHb21; TCF-3
UniProt Entry Name	TFE2_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/tcf3-human-elisa-kits/transcription-factor-e2-alpha/100591>