

Human Transcription factor 21 ELISA Kit | TCF21 elisa kit

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CATALOG #
AAA102344

REACTIVITY
Human

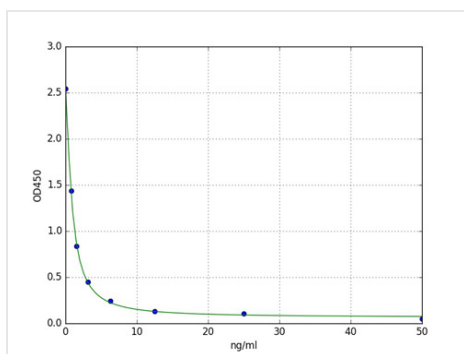
PRODUCT SYNONYMS

Transcription factor 21; Human Transcription factor 21 ELISA Kit; TCF21/Transcription factor 21/TCF-21/Podocyte-expressed 1/Pod-1/Epicardin/Capsulin/Class A basic helix-loop-helix protein 23/bHLHa23/BHLHA23/POD1; TCF21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	179
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 TCF21 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	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	2.201	1.8	1.506	1.137	0.825	0.554	0.433	0.328

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TCF21 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 TCF21. During the reaction, TCF21 in the sample or standard competes with a fixed amount of biotin-labeled TCF21 for sites on a pre-coated Monoclonal antibody specific to TCF21. 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 TCF21 in the samples is then determined by comparing the OD. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38202239
NCBI GeneID	6943
NCBI Accession #	NP_938206.1
NCBI GenBank Nucleotide #	NM_198392.2
Molecular Weight	19,715 Da
NCBI Official Full Name	transcription factor 21
NCBI Official Synonym Full Names	transcription factor 21
NCBI Official Symbol	TCF21
NCBI Official Synonym Symbols	POD1; bHLHa23
NCBI Protein Information	transcription factor 21
UniProt Protein Name	Transcription factor 21
UniProt Gene Name	TCF21
UniProt Synonym Gene Names	BHLHA23; POD1; TCF-21; bHLHa23; Pod-1
UniProt Entry Name	TCF21_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/tcf21-human-elisa-kits/transcription-factor-21/102344>