

Human Transcription Factor Binding To IGHM Enhancer 3 (TFE3) ELISA Kit | TFE3 elisa kit

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CATALOG #
AAA129551

REACTIVITY
Human

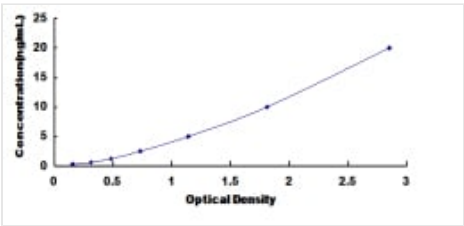
PRODUCT SYNONYMS

Transcription Factor Binding To IGHM Enhancer 3 (TFE3); Human Transcription Factor Binding To IGHM Enhancer 3 (TFE3) ELISA Kit; RCCP2; TFEA; BHLHE33; Transcription Factor E Family Member A; Class E basic helix-loop-helix protein 33; Transcription factor E3; TFE3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Transcription Factor Binding To IGHM Enhancer 3 (TFE3). No significant cross-reactivity or interference between Transcription Factor Binding To IGHM Enhancer 3 (TFE3) and analogues was observed.
Sequence Length	575
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Transcription Factor Binding To IGHM Enhancer 3 (TFE3) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Transcription Factor Binding To IGHM Enhancer 3 (TFE3) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFE3 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Transcription Factor Binding To IGHM Enhancer 3 (TFE3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Transcription Factor Binding To IGHM Enhancer 3 (TFE3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Transcription Factor Binding To IGHM Enhancer 3 (TFE3), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Transcription Factor Binding To IGHM Enhancer 3 (TFE3) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for TFE3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	19684176
NCBI GeneID	7030
UniProt Accession #	P19532; Q5JU74; Q92757; Q92758; Q99964; A8MZL6
Molecular Weight	11,363 Da
NCBI Official Full Name	Transcription factor binding to IGHM enhancer 3
NCBI Official Synonym Full Names	transcription factor binding to IGHM enhancer 3
NCBI Official Symbol	TFE3
NCBI Official Synonym Symbols	TFEA; RCCP2; RCCX1; bHLHe33
NCBI Protein Information	transcription factor E3
UniProt Protein Name	Transcription factor E3
UniProt Gene Name	TFE3
UniProt Synonym Gene Names	BHLHE33; bHLHe33
UniProt Entry Name	TFE3_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.