

Human T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4) ELISA Kit | TIMD4 elisa kit

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CATALOG # AAA139025	REACTIVITY Human
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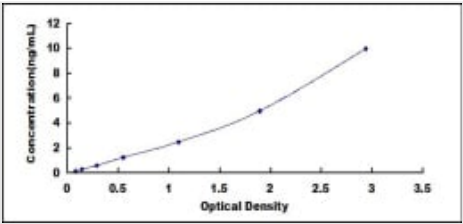
PRODUCT SYNONYMS

T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4); Human T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4) ELISA Kit; TIM4; T-cell membrane protein 4; T-cell immunoglobulin mucin receptor 4; TIMD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4). No significant cross-reactivity or interference between T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4) and analogues was observed.
Sequence Length	350
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4) 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 TIMD4 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 T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4). 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 T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4), 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 T-Cell Immunoglobulin And Mucin Domain Containing Protein 4 (TIMD4) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for TIMD4 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	226529863
NCBI GeneID	91937
NCBI Accession #	NP_612388.2
NCBI GenBank Nucleotide #	NM_138379.2
UniProt Accession #	Q96H15; B5MCL9
Molecular Weight	38,536 Da
NCBI Official Full Name	T-cell immunoglobulin and mucin domain-containing protein 4 isoform 1
NCBI Official Synonym Full Names	T-cell immunoglobulin and mucin domain containing 4
NCBI Official Symbol	TIMD4
NCBI Official Synonym Symbols	TIM4; SMUCKLER
NCBI Protein Information	T-cell immunoglobulin and mucin domain-containing protein 4
UniProt Protein Name	T-cell immunoglobulin and mucin domain-containing protein 4
UniProt Gene Name	TIMD4
UniProt Synonym Gene Names	TIM4; TIMD-4; TIM-4
UniProt Entry Name	TIMD4_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.