

Mouse Interferon Induced Transmembrane Protein 2 (IFITM2) ELISA Kit | IFITM2 elisa kit

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CATALOG #
AAA187398

REACTIVITY
Mouse

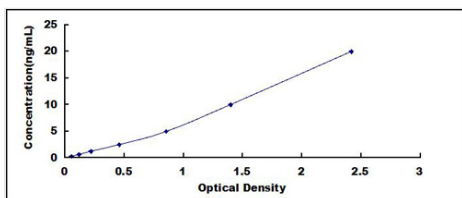
PRODUCT SYNONYMS

Interferon Induced Transmembrane Protein 2 (IFITM2); Mouse Interferon Induced Transmembrane Protein 2 (IFITM2) ELISA Kit; DSPA2c; Dispanin subfamily A member 2c; Interferon-inducible protein 1-8D; IFITM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Induced Transmembrane Protein 2 (IFITM2). No significant cross-reactivity or interference between Interferon Induced Transmembrane Protein 2 (IFITM2) and analogues was observed.
Sequence Length	132
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.121ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Interferon Induced Transmembrane Protein 2 (IFITM2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Interferon Induced Transmembrane Protein 2 (IFITM2) 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 IFITM2 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 Interferon Induced Transmembrane Protein 2 (IFITM2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Interferon Induced Transmembrane Protein 2 (IFITM2). 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 Interferon Induced Transmembrane Protein 2 (IFITM2), 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 Interferon Induced Transmembrane Protein 2 (IFITM2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	151101191
NCBI GeneID	10581
NCBI Accession #	NP_006426.2
NCBI GenBank Nucleotide #	NM_006435.2
UniProt Accession #	Q01629; Q6FH82; Q96DA8
Molecular Weight	14,632 Da
NCBI Official Full Name	interferon-induced transmembrane protein 2
NCBI Official Synonym Full Names	interferon induced transmembrane protein 2
NCBI Official Symbol	IFITM2
NCBI Official Synonym Symbols	1-8D; DSPA2c
NCBI Protein Information	interferon-induced transmembrane protein 2
UniProt Protein Name	Interferon-induced transmembrane protein 2
UniProt Gene Name	IFITM2
UniProt Synonym Gene Names	DSPA2c

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/mouse-elisa-kits/interferon-induced-transmembrane-protein-2-ifitm2/187398>