

Human Interferon Induced Transmembrane Protein 3 (IFITM3) CLIA Kit | IFITM3 clia kit

Human Interferon Induced Transmembrane Protein 3 (IFITM3) CLIA Kit

CATALOG # AAA189119	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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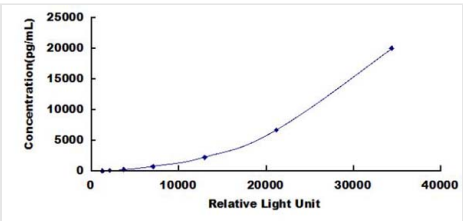
PRODUCT SYNONYMS

Interferon Induced Transmembrane Protein 3 (IFITM3); Human Interferon Induced Transmembrane Protein 3 (IFITM3) CLIA Kit; Interferon Induced Transmembrane Protein 3; 1-8U; IP15; DSPA2b; Dispanin subfamily A member 2b; Interferon-inducible protein 1-8U; IFITM3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Induced Transmembrane Protein 3 (IFITM3). No significant cross-reactivity or interference between Interferon Induced Transmembrane Protein 3 (IFITM3) and analogues was observed.
Sequence Length	133
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, cell lysates and other biological fluids.
Detection Range	27.4-20,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 11.3pg/mL
Applicable Applications for IFITM3 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Induced Transmembrane Protein 3 (IFITM3) 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 3 (IFITM3) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Interferon Induced Transmembrane Protein 3 (IFITM3). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interferon Induced Transmembrane Protein 3 (IFITM3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interferon Induced Transmembrane Protein 3 (IFITM3) level in the sample or standard.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	20178301
NCBI GeneID	10410
UniProt Accession #	Q01628
NCBI Official Full Name	Interferon-induced transmembrane protein 3
NCBI Official Synonym Full Names	interferon induced transmembrane protein 3
NCBI Official Symbol	IFITM3
NCBI Official Synonym Symbols	1-8U; IP15; DSPA2b
NCBI Protein Information	interferon-induced transmembrane protein 3
UniProt Protein Name	Interferon-induced transmembrane protein 3
UniProt Gene Name	IFITM3
UniProt Synonym Gene Names	DSPA2b
UniProt Entry Name	IFM3_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/human-clia-kits/interferon-induced-transmembrane-protein-3-ifitm3/189119>