Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1) CLIA Kit | IFIT1 clia kit

CLIA Kit for Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1)

CATALOG #
AAA130310

PRODUCT SYNONYMS

Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1); CLIA Kit for Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1); IFIT1 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1) No significant cross-reactivity or interference between Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1) and analogues was observed.
Sequence Length	463
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	6.859-5000pg/mL The standard curve concentrations used for the ELISA's were 5000pg/mL, 1666.67pg/mL, 555.56pg/mL, 185.19pg/mL, 61.728pg/mL, 20.576pg/mL, 6.859pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 33pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interferon Induced Protein With Tetratricopeptide Repeats 1 (IFIT1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Mus musculus (Mouse)
Assay Length	4.5 hours
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 IFIT1 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. 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 Protein With Tetratricopeptide Repeats 1 (IFIT1) level in the sample or standard.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110626104
NCBI GeneID	15957
NCBI Accession #	NP_032357.2
NCBI GenBank Nucleotide #	NM_008331.3
UniProt Accession #	Q64282; Q99L77
Molecular Weight	53,737 Da
NCBI Official Full Name	interferon-induced protein with tetratricopeptide repeats 1
NCBI Official Synonym Full Names	interferon-induced protein with tetratricopeptide repeats 1
NCBI Official Symbol	Ifit1
NCBI Official Synonym Symbols	P56; ISG56; Ifi56
NCBI Protein Information	interferon-induced protein with tetratricopeptide repeats 1; IFIT-1; GARG-16; IFI-56K; interferon-induced 56 kDa protein; glucocorticoid-attenuated response gene 16 protein
UniProt Protein Name	Interferon-induced protein with tetratricopeptide repeats 1
UniProt Gene Name	**Ifit1**
UniProt Synonym Gene Names	Garg16; Ifi56; Isg56; IFIT-1; GARG-16; IFI-56K; P56
UniProt Entry Name	IFIT1_MOUSE

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/clia-kits/interferon-induced-protein-with-tetratricopeptide-repeats-1-ifit1/130310