

Human Interferon-induced protein with tetratricopeptide repeats 1 ELISA Kit | IFIT1 elisa kit

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CATALOG #
AAA100999

REACTIVITY
Human

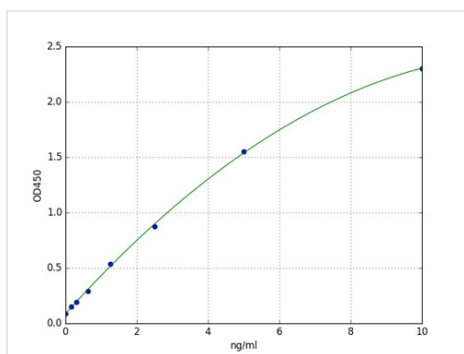
PRODUCT SYNONYMS

Interferon-induced protein with tetratricopeptide repeats 1; Human Interferon-induced protein with tetratricopeptide repeats 1 ELISA Kit; IFIT1/Interferon-induced protein with tetratricopeptide repeats 1/IFIT-1/Interferon-induced 56 kDa protein/IFI-56K/G10P1/IFI56/IFNAI1/ISG56/GARG-16/IFI-56/ISG56/RNM561; IFIT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	478
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human IFIT1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.033	0.106	0.163	0.347	0.615	1.138	1.829	2.277

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFIT1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IFIT1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFIT1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human IFIT1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFIT1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116534937
NCBI GeneID	3434
NCBI Accession #	NP_001539.3
NCBI GenBank Nucleotide #	NM_001548.4
Molecular Weight	51,713 Da
NCBI Official Full Name	interferon-induced protein with tetratricopeptide repeats 1 isoform 1
NCBI Official Synonym Full Names	interferon induced protein with tetratricopeptide repeats 1
NCBI Official Symbol	IFIT1
NCBI Official Synonym Symbols	C56; P56; G10P1; IFI56; ISG56; IFI-56; IFIT-1; IFNAI1; RNM561; IFI-56K
NCBI Protein Information	interferon-induced protein with tetratricopeptide repeats 1
UniProt Protein Name	Interferon-induced protein with tetratricopeptide repeats 1
UniProt Gene Name	IFIT1
UniProt Synonym Gene Names	G10P1; IFI56; IFNAI1; ISG56; IFIT-1; IFI-56K; P56
UniProt Entry Name	IFIT1_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/ifit1-human-elisa-kits/interferon-induced-protein-with-tetratricopeptide-repeats-1/100999>