

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

Human Interferon-induced protein with tetratricopeptide repeats 1, IFIT1 ELISA Kit

CATALOG #
AAA18218

REACTIVITY
Human

PRODUCT SYNONYMS

interferon-induced protein with tetratricopeptide repeats 1; Human Interferon-induced protein with tetratricopeptide repeats 1; IFIT1 ELISA Kit; Human Interferon-induced protein with tetratricopeptide repeats 1 (IFIT1) ELISA kit; G10P1; GARG-16; IFI-56; IFI56; IFNAI1; ISG56; RNM561; Interferon; alpha-inducible protein (MW 56kD) ; interferon-induced protein 56; IFIT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IFIT1. No significant cross-reactivity or interference between human IFIT1 and analogues was observed.
Sequence Length	447
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFIT1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFIT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFIT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFIT1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IFIT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	400286381
NCBI GeneID	3434
NCBI Accession #	NP_001257857.1
NCBI GenBank Nucleotide #	NM_001270928.1
UniProt Accession #	P09914; Q5T7J1; Q96QM5; B3KS50; D3DR31
Molecular Weight	55,360 Da
NCBI Official Full Name	interferon-induced protein with tetratricopeptide repeats 1 isoform 3
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; interferon-inducible mRNA 561; interferon-induced 56 kDa protein; interferon, alpha-inducible protein (MW 56kD)
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-1/18218>