

Human interferon, alpha-inducible protein 27 ELISA Kit | IFI27 elisa kit

Human Interferon alpha-inducible protein 27, mitochondrial, IFI27 ELISA Kit

CATALOG #
AAA113085

REACTIVITY
Human

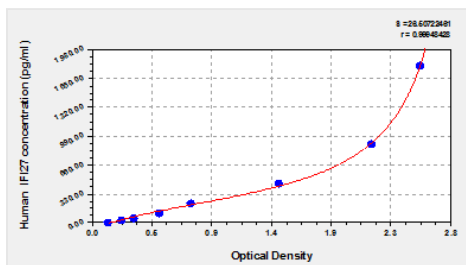
PRODUCT SYNONYMS

interferon; alpha-inducible protein 27; Human Interferon alpha-inducible protein 27; mitochondrial; IFI27 ELISA Kit; mitochondrial (IFI27) ELISA kit; FAM14D; ISG12; ISG12A; P27; 2310061N23Rik; IFI27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IFI27. No significant cross-reactivity or interference between human IFI27 and analogues was observed.
Sequence Length	122
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	28 pg/ml-1800 pg/ml
Sensitivity	< 7 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 IFI27 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFI27 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFI27 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFI27 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 IFI27 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194272171
NCBI GeneID	3429
NCBI Accession #	NP_001123552.1
NCBI GenBank Nucleotide #	NM_001130080.2
UniProt Accession #	P40305; Q53YA6; Q6IEC1; Q96BK3
Molecular Weight	11,268 Da
NCBI Official Full Name	interferon alpha-inducible protein 27, mitochondrial isoform 1
NCBI Official Synonym Full Names	interferon, alpha-inducible protein 27
NCBI Official Symbol	IFI27
NCBI Official Synonym Symbols	P27; ISG12; FAM14D; ISG12A
NCBI Protein Information	interferon alpha-inducible protein 27, mitochondrial; ISG12(a); 2310061N23Rik; interferon-stimulated gene 12a protein; interferon alpha-induced 11.5 kDa protein
UniProt Protein Name	Interferon alpha-inducible protein 27, mitochondrial
UniProt Gene Name	IFI27
UniProt Synonym Gene Names	p27; ISG12(a)
UniProt Entry Name	IFI27_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/ifi27-human-elisa-kits/interferon-alpha-inducible-protein-27/113085>