

Interferon Alpha Inducible Protein 6 (IFI6) CLIA Kit | IFI6 clia kit

CLIA Kit for Interferon Alpha Inducible Protein 6 (IFI6)

CATALOG #
AAA130334

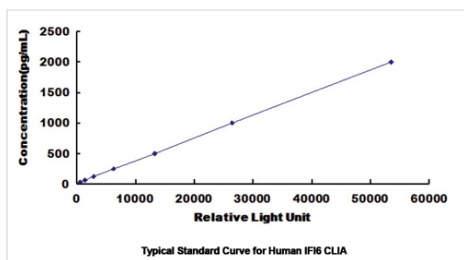
PRODUCT SYNONYMS

Interferon Alpha Inducible Protein 6 (IFI6); CLIA Kit for Interferon Alpha Inducible Protein 6 (IFI6); IFI6 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Alpha Inducible Protein 6 (IFI6). No significant cross-reactivity or interference between Interferon Alpha Inducible Protein 6 (IFI6) and analogues was observed.
Sequence Length	130
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	2.743-2000pg/mL. The standard curve concentrations used for the ELISA's were 2000pg/mL, 666.67pg/mL, 222.22pg/mL, 74.07pg/mL, 24.691pg/mL, 8.23pg/mL, 2.743pg/mL.
Sensitivity	The minimum detectable dose of this kit is typically less than 11.8pg/mL.
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Alpha Inducible Protein 6 (IFI6) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interferon Alpha Inducible Protein 6 (IFI6) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Homo sapiens (Human)
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 IFI6 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 Alpha Inducible Protein 6 (IFI6) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13259552
NCBI GeneID	2537
NCBI Accession #	NP_002029.3
NCBI GenBank Nucleotide #	NM_002038.3
UniProt Accession #	P09912; Q13141; Q13142; Q5VVR2; Q5VVR3; Q6IE95; Q969M8
Molecular Weight	12,927 Da
NCBI Official Full Name	interferon alpha-inducible protein 6 isoform a
NCBI Official Synonym Full Names	interferon, alpha-inducible protein 6
NCBI Official Symbol	IFI6
NCBI Official Synonym Symbols	6-16; G1P3; FAM14C; IFI616; IFI-6-16
NCBI Protein Information	interferon alpha-inducible protein 6; interferon-induced protein 6-16; interferon, alpha-inducible protein clone IFI-6-16
UniProt Protein Name	Interferon alpha-inducible protein 6
UniProt Gene Name	IFI6
UniProt Synonym Gene Names	G1P3; Ifi-6-16
UniProt Entry Name	IFI6_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/clia-kits/interferon-alpha-inducible-protein-6-ifi6/130334>