

Human interferon alpha-2 (IFNA2) ELISA Kit | IFNA2 elisa kit

Human interferon alpha-2, IFNA2 ELISA Kit

CATALOG #
AAA80996

REACTIVITY
Human

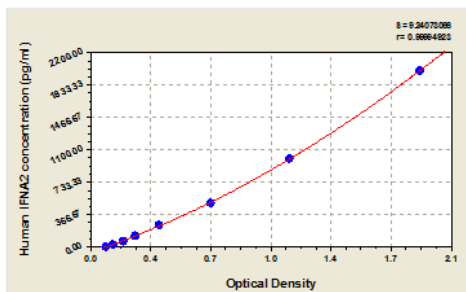
PRODUCT SYNONYMS

interferon alpha-2 (IFNA2); Human interferon alpha-2; IFNA2 ELISA Kit; Human interferon alpha-2 (IFNA2) ELISA kit; IFN-alpha-2 Interferon alpha-A Short name= LeIF A; IFNA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IFNA2. No significant cross-reactivity or interference between human IFNA2 and analogues was observed.
Sequence Length	190
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	The minimum detectable dose of human IFNA2 is typically less than 7.8 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 IFNA2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFNA2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFNA2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFNA2 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 IFNA2 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 #	124435
NCBI GeneID	15965
UniProt Accession #	P01573; Q61717
Molecular Weight	21,922 Da
NCBI Official Full Name	Interferon alpha-2
NCBI Official Synonym Full Names	interferon alpha 2
NCBI Official Symbol	Ifna2
NCBI Official Synonym Symbols	Ifa2
NCBI Protein Information	interferon alpha-2; IFN-alpha-2; interferon alpha family, gene 2
UniProt Protein Name	Interferon alpha-2
UniProt Gene Name	Ifna2
UniProt Synonym Gene Names	IFN-alpha-2
UniProt Entry Name	IFNA2_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/human-elisa-kits/interferon-alpha-2-ifna2/80996>