

Human Interferon alpha-8 ELISA Kit | IFNA8 elisa kit

Human Interferon alpha-8 ELISA Kit

CATALOG #
AAA100707

REACTIVITY
Human

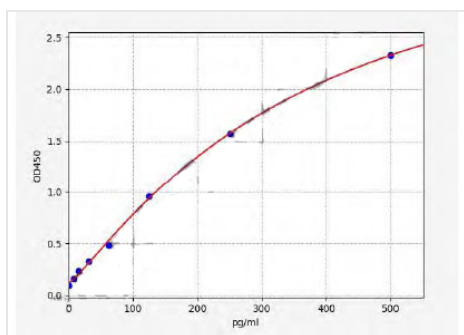
PRODUCT SYNONYMS

Interferon alpha-8; Human Interferon alpha-8 ELISA Kit; IFNA8/IFN-alpha-8/IFN-alphaB/interferon alpha type 201/interferon alpha-8/Interferon alpha-B/interferon alpha-B'/Interferon alpha-B2/interferon; alpha 8/LeIF B/Interferon alpha-B (LeIF B)/Interferon alpha-B2; IFNA8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IFNA8. No significant cross-reactivity or interference between IFNA8 and analogues was observed.
Sequence Length	189
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for IFNA8 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42476083
NCBI GeneID	3445
NCBI Accession #	NP_002161.2
NCBI GenBank Nucleotide #	NM_002170.3
Molecular Weight	21,989 Da
NCBI Official Full Name	interferon alpha-8
NCBI Official Synonym Full Names	interferon, alpha 8
NCBI Official Symbol	IFNA8
NCBI Official Synonym Symbols	IFN-alphaB
NCBI Protein Information	interferon alpha-8
UniProt Protein Name	Interferon alpha-8
UniProt Gene Name	IFNA8
UniProt Synonym Gene Names	IFN-alpha-8; LeIF B
UniProt Entry Name	IFNA8_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://www.aaabiotech.com/ifna8-human-elisa-kits/interferon-alpha-8/100707>