

Human Interferon alpha/beta receptor 1 ELISA Kit | IFNAR1 elisa kit

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CATALOG #
AAA99725

REACTIVITY
Human

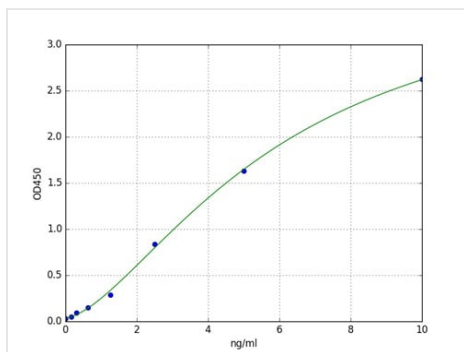
PRODUCT SYNONYMS

Interferon alpha/beta receptor 1; Human Interferon alpha/beta receptor 1 ELISA Kit; IFNAR1/Interferon alpha/beta receptor 1/IFN-R-1/IFN-alpha/beta receptor 1/Type I interferon receptor 1/Cytokine receptor class-II member 1/Cytokine receptor family 2 member 1/CRF2-1/IFNAR/alpha-type antiviral protein/AVP/beta-type antiviral protein/CRF2-1/human interferon-alpha receptor (HuIFN-alpha-Rec)10IFRC/IFNBR/interferon (alpha; beta and omega) receptor 1/interferon-alpha/beta receptor alpha chain; IFNAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	557
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve
Results of a typical standard run of a Human IFNAR1/Interferon alpha ELISA Kit are shown below.
This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.018	0.129	0.237	0.434	0.813	1.421	1.865	2.282

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNAR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IFNAR1/Interferon alpha antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFNAR1/Interferon alpha antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human IFNAR1/Interferon alpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFNAR1/Interferon alpha can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46488932
NCBI GeneID	3454
NCBI Accession #	NP_000620.2
NCBI GenBank Nucleotide #	NM_000629.2
Molecular Weight	56,046 Da
NCBI Official Full Name	interferon alpha/beta receptor 1
NCBI Official Synonym Full Names	interferon alpha and beta receptor subunit 1
NCBI Official Symbol	IFNAR1
NCBI Official Synonym Symbols	AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC
NCBI Protein Information	interferon alpha/beta receptor 1
UniProt Protein Name	Interferon alpha/beta receptor 1
UniProt Gene Name	IFNAR1
UniProt Synonym Gene Names	IFNAR; IFN-R-1; IFN-alpha/beta receptor 1; CRF2-1
UniProt Entry Name	INAR1_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/ifnar1-human-elisa-kits/interferon-alpha-beta-receptor-1/99725>