

Human Interferon alpha/beta receptor 2 ELISA Kit | IFNAR2 elisa kit

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CATALOG #
AAA98436

REACTIVITY
Human

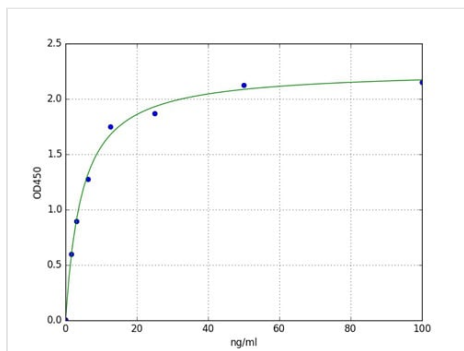
PRODUCT SYNONYMS

Interferon alpha/beta receptor 2; Human Interferon alpha/beta receptor 2 ELISA Kit; IFNAR2 (Interferon alpha/beta receptor 2)/IFNABR/IFNARB/IFN-R/IFN-R-2/beta receptor10/human interferon alpha/human interferon alpha/beta receptor/IFN-alpha binding protein/IFN-alpha/beta receptor 2/IFN-alpha-REC/Interferon alpha binding protein/interferon-alpha/beta receptor beta chain/Type I interferon receptor 2; IFNAR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	530
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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 IFNAR2 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.023	0.102	0.156	0.341	0.613	1.139	1.825	2.285

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNAR2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IFNAR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFNAR2 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 IFNAR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFNAR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27807003
NCBI GeneID	282258
NCBI Accession #	NP_776978.1
NCBI GenBank Nucleotide #	NM_174553.2
Molecular Weight	59,584 Da
NCBI Official Full Name	interferon alpha/beta receptor 2
NCBI Official Symbol	IFNAR2
NCBI Official Synonym Symbols	IFN-R; IFNBR; IFN-R-2
NCBI Protein Information	interferon alpha/beta receptor 2
UniProt Protein Name	Interferon alpha/beta receptor 2
UniProt Gene Name	IFNAR2
UniProt Synonym Gene Names	IFNARB; IFN-R-2; IFN-alpha/beta receptor 2
UniProt Entry Name	INAR2_BOVIN

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/ifnar2-human-elisa-kits/interferon-alpha-beta-receptor-2/98436>