

Chicken Interferon alpha/beta receptor 1 (IFNAR1) ELISA Kit | IFNAR1 elisa kit

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CATALOG #
AAA245912

REACTIVITY
Chicken

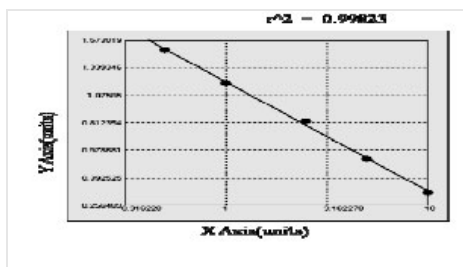
PRODUCT SYNONYMS

Interferon alpha/beta receptor 1 (IFNAR1); Chicken Interferon alpha/beta receptor 1 (IFNAR1) ELISA Kit; IFNAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNAR1 elisa kit

Intended Uses: This IFNalpha/betaR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken IFNalpha/betaR1.

Principle of the Assay: IFNalpha/betaR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IFNalpha/betaR1 antibody and an IFNalpha/ betaR1-HRP conjugate. The assay sample and buffer are incubated together with IFNalpha/betaR1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IFNalpha/betaR1 concentration since IFNalpha/betaR1 from samples and IFN alpha/betaR1-HRP conjugate compete for the anti-IFNalpha/betaR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by IFNalpha/betaR1 from the sample, fewer sites are left to bind IFN alpha/betaR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFNalpha/betaR1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IFNAR1 elisa kit

Neuroscience

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, beta and omega) receptor 1
NCBI Official Symbol	IFNAR1
NCBI Official Synonym Symbols	AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC
NCBI Protein Information	interferon alpha/beta receptor 1; CRF2-1; IFN-R-1; IFN-alpha/beta receptor 1; interferon-beta receptor 1; beta-type antiviral protein; alpha-type antiviral protein; type I interferon receptor 1; cytokine receptor class-II member 1; cytokine receptor family 2 member 1; interferon-alpha/beta receptor alpha chain
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://www.aaabiotech.com/chicken-elisa-kits/interferon-alpha-beta-receptor-1-ifnar1/245912>