

Human Interferon related developmental regulator 1 (IFRD1) ELISA Kit | IFRD1 elisa kit

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CATALOG #
AAA246071

REACTIVITY
Human

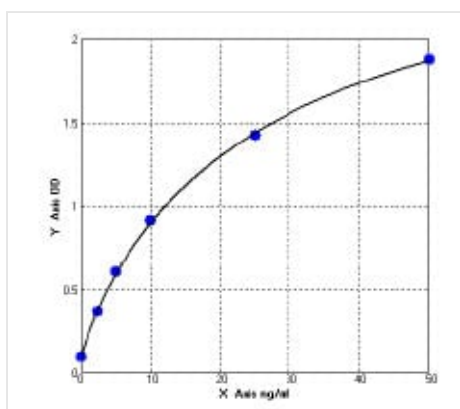
PRODUCT SYNONYMS

Interferon related developmental regulator 1 (IFRD1); Human Interferon related developmental regulator 1 (IFRD1) ELISA Kit; IFRD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFRD1 elisa kit

Intended Uses: This IFNepsilon ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IFNepsilon. This ELISA kit for research use only!

Principle of the Assay: IFNepsilon ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IFNepsilon antibody and an IFNepsilon-HRP conjugate. The assay sample and buffer are incubated together with IFNepsilon-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 IFNepsilon concentration since IFNepsilon from samples and IFNepsilon-HRP conjugate compete for the anti-IFNepsilon antibody binding site. Since the number of sites is limited, as more sites are occupied by IFNepsilon from the sample, fewer sites are left to bind IFNepsilon-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFNepsilon concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68846516
NCBI GeneID	3475
Molecular Weight	45,336 Da
NCBI Official Full Name	Interferon-related developmental regulator 1
NCBI Official Synonym Full Names	interferon-related developmental regulator 1
NCBI Official Symbol	IFRD1
NCBI Official Synonym Symbols	PC4; TIS7
NCBI Protein Information	interferon-related developmental regulator 1; TPA induced sequence 7; pheochromocytoma cell-4; nerve growth factor-inducible protein PC4; 12-O-tetradecanoylphorbol-13-acetate-induced sequence 7
UniProt Protein Name	Interferon-related developmental regulator 1
UniProt Gene Name	IFRD1
UniProt Entry Name	IFRD1_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/human-elisa-kits/interferon-related-developmental-regulator-1-ifrd1/246071>