

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

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CATALOG #
AAA244459

REACTIVITY
Mouse

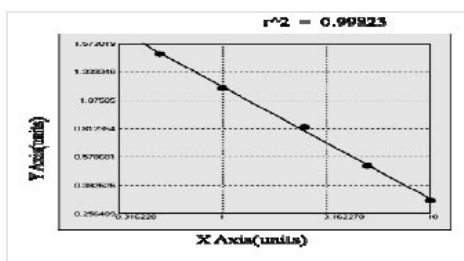
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 IFRD1 elisa kit

Intended Uses: This IFRD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IFRD1. This ELISA kit for research use only!

Principle of the Assay: IFRD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IFRD1 antibody and an IFRD1-HRP conjugate. The assay sample and buffer are incubated together with IFRD1-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 IFRD1 concentration since IFRD1 from samples and IFRD1-HRP conjugate compete for the anti-IFRD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by IFRD1 from the sample, fewer sites are left to bind IFRD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFRD1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IFRD1 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506803
NCBI GeneID	29596
NCBI Accession #	NP_062115.1
NCBI GenBank Nucleotide #	NM_019242.1
Molecular Weight	49,783 Da
NCBI Official Full Name	interferon-related developmental regulator 1
NCBI Official Synonym Full Names	interferon-related developmental regulator 1
NCBI Official Symbol	lfrd1
NCBI Official Synonym Symbols	Pc4
NCBI Protein Information	interferon-related developmental regulator 1; IRPR; nerve growth factor-inducible protein PC4
UniProt Protein Name	Interferon-related developmental regulator 1
UniProt Gene Name	lfrd1
UniProt Synonym Gene Names	Pc4
UniProt Entry Name	IFRD1_RAT

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/mouse-elisa-kits/interferon-related-developmental-regulator-1-ifrd1/244459>