

Human IFRD1 (Interferon-Related Developmental Regulator 1) ELISA Kit | IFRD1 elisa kit

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CATALOG #
AAA250239

REACTIVITY
Human

PRODUCT SYNONYMS

IFRD1 (Interferon-Related Developmental Regulator 1); Human IFRD1 (Interferon-Related Developmental Regulator 1) ELISA Kit; Interferon-related developmental regulator 1; Nerve growth factor-inducible protein PC4; IFRD1; IFRD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IFRD1. No significant cross-reactivity or interference between IFRD1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for IFRD1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55953131
NCBI GeneID	3475
NCBI Accession #	NP_001007246
NCBI GenBank Nucleotide #	NM_001007245
UniProt Accession #	O00458 ; O75234 ; Q5U013 ; Q9BVE4 ; B7Z5G1
Molecular Weight	45,336 Da
NCBI Official Full Name	interferon-related developmental regulator 1 isoform 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; 12-O-tetradecanoylphorbol-13-acetate-induced sequence 7; TPA induced sequence 7; nerve growth factor-inducible protein PC4; pheochromocytoma cell-4
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://www.aaabiotech.com/human-elisa-kits/ifrd1-interferon-related-developmental-regulator-1/250239>