

Human Interferon Regulatory Factor (IRF) ELISA Kit | IRF elisa kit

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CATALOG #
AAA52805

REACTIVITY
Human

PRODUCT SYNONYMS

Interferon Regulatory Factor (IRF); Human Interferon Regulatory Factor (IRF) ELISA Kit; IRF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	325
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IRF elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human IRF monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504721
NCBI GeneID	3659
NCBI Accession #	NP_002189.1
NCBI GenBank Nucleotide #	NM_002198.2
Molecular Weight	36,502 Da
NCBI Official Full Name	interferon regulatory factor 1
NCBI Official Synonym Full Names	interferon regulatory factor 1
NCBI Official Symbol	IRF1
NCBI Official Synonym Symbols	MAR; IRF-1

NCBI Protein Information	interferon regulatory factor 1; interferon regulatory factor 1 isoform +I9; interferon regulatory factor 1 isoform d78; interferon regulatory factor 1 isoform delta4; interferon regulatory factor 1 isoform delta7
UniProt Protein Name	Interferon regulatory factor 1
UniProt Gene Name	IRF1
UniProt Synonym Gene Names	IRF-1
UniProt Entry Name	IRF1_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/interferon-regulatory-factor-irf/52805>