

Human interferon regulatory factor 7 ELISA Kit | IRF7 elisa kit

Human Interferon regulatory factor 7, IRF7 ELISA Kit

CATALOG #
AAA18325

REACTIVITY
Human

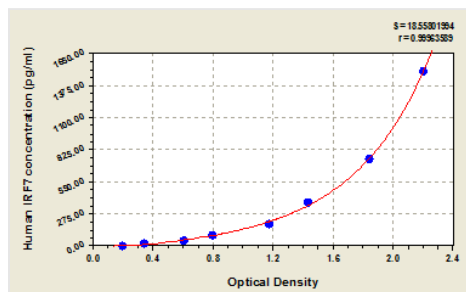
PRODUCT SYNONYMS

interferon regulatory factor 7; Human Interferon regulatory factor 7; IRF7 ELISA Kit; Human Interferon regulatory factor 7 (IRF7) ELISA kit; IRF-7H; IRF7A; OTTHUMP00000162886; OTTHUMP00000162888; interferon regulatory factor-7H; IRF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IRF7. No significant cross-reactivity or interference between human IRF7 and analogues was observed.
Sequence Length	503
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	23.4 pg/ml-1500 pg/ml
Sensitivity	< 5.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IRF7 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IRF7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IRF7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IRF7 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IRF7 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758610
NCBI GeneID	3665
NCBI Accession #	NP_001563.2
NCBI GenBank Nucleotide #	NM_001572.3
UniProt Accession #	Q92985; O00331; O00332; O00333; O75924; Q9UE79; B9EGL3
Molecular Weight	54,278 Da
NCBI Official Full Name	interferon regulatory factor 7 isoform a
NCBI Official Synonym Full Names	interferon regulatory factor 7
NCBI Official Symbol	IRF7
NCBI Official Synonym Symbols	IRF7A; IRF7B; IRF7C; IRF7H; IRF-7H
NCBI Protein Information	interferon regulatory factor 7; IRF-7; interferon regulatory factor-7H
UniProt Protein Name	Interferon regulatory factor 7
UniProt Gene Name	IRF7
UniProt Synonym Gene Names	IRF-7
UniProt Entry Name	IRF7_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/irf7-human-elisa-kits/interferon-regulatory-factor-7/18325>