

Mouse IRF7 (Interferon regulatory factor 7) ELISA Kit | IRF7 elisa kit

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CATALOG #
AAA250900

REACTIVITY
Mouse

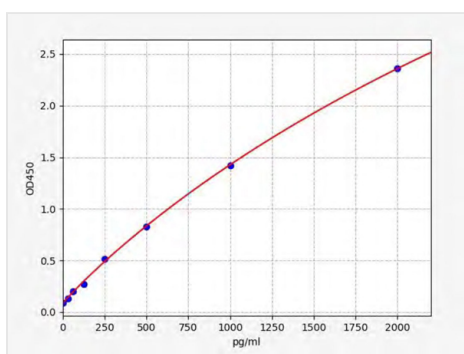
PRODUCT SYNONYMS

IRF7 (Interferon regulatory factor 7); Mouse IRF7 (Interferon regulatory factor 7) ELISA Kit; IRF7; Interferon regulatory factor 7; IRF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize IRF7, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IRF7 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti IRF7 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti IRF7 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with IRF7 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of IRF7 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8567364
NCBI GeneID	54123
NCBI Accession #	NP_058546.1
NCBI GenBank Nucleotide #	NM_016850.3
UniProt Accession #	P70434
Molecular Weight	51,222 Da
NCBI Official Full Name	interferon regulatory factor 7 isoform 1
NCBI Official Synonym Full Names	interferon regulatory factor 7
NCBI Official Symbol	Irf7
NCBI Protein Information	interferon regulatory factor 7; IRF-7
UniProt Protein Name	Interferon regulatory factor 7
UniProt Gene Name	Irf7
UniProt Synonym Gene Names	IRF-7
UniProt Entry Name	IRF7_MOUSE

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.