

Human Interferon regulatory factor 3 (IRF3) ELISA Kit | IRF3 elisa kit

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CATALOG #
AAA245925

REACTIVITY
Human

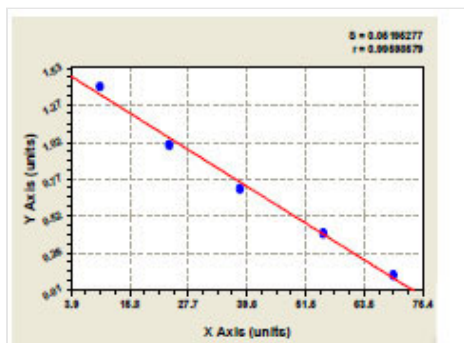
PRODUCT SYNONYMS

Interferon regulatory factor 3 (IRF3); Human Interferon regulatory factor 3 (IRF3) ELISA Kit; IRF3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IRF3 elisa kit

Intended Uses: This IRF3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IRF3.

Principle of the Assay: IRF3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-IRF3 antibody and an IRF3-HRP conjugate. The assay sample and buffer are incubated together with IRF3-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 IRF3 concentration since IRF3 from samples and IRF3-HRP conjugate compete for the anti-IRF3 antibody binding site. Since the number of sites is limited, as more sites are occupied by IRF3 from the sample, fewer sites are left to bind IRF3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IRF3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2497442
NCBI GeneID	3661
Molecular Weight	12,330 Da
NCBI Official Full Name	Interferon regulatory factor 3
NCBI Official Synonym Full Names	interferon regulatory factor 3
NCBI Official Symbol	IRF3
NCBI Protein Information	interferon regulatory factor 3
UniProt Protein Name	Interferon regulatory factor 3
UniProt Gene Name	IRF3
UniProt Synonym Gene Names	IRF-3
UniProt Entry Name	IRF3_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/human-elisa-kits/interferon-regulatory-factor-3-irf3/245925>