

Human Interferon induced GTP binding protein Mx2 (MX2) ELISA Kit | MX2 elisa kit

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CATALOG #
AAA246979

REACTIVITY
Human

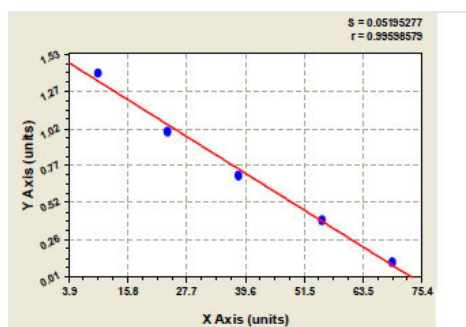
PRODUCT SYNONYMS

Interferon induced GTP binding protein Mx2 (MX2); Human Interferon induced GTP binding protein Mx2 (MX2) ELISA Kit; MX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for MX2 elisa kit

Intended Uses: This Mx1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseMx1. This ELISA kit for research use only!

Principle of the Assay: Mx1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Mx1 antibody and an Mx1-HRP conjugate. The assay sample and buffer are incubated together with Mx1-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 Mx1 concentration since Mx1 from samples and Mx1-HRP conjugate compete for the anti-Mx1 antibody binding site. Since the number of sites is limited, as more sites are occupied by Mx1 from the sample, fewer sites are left to bind Mx1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Mx1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MX2 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342664
NCBI GeneID	4600
NCBI Accession #	NP_002454.1
NCBI GenBank Nucleotide #	NM_002463.1
Molecular Weight	82,089 Da
NCBI Official Full Name	interferon-induced GTP-binding protein Mx2
NCBI Official Synonym Full Names	MX dynamin-like GTPase 2
NCBI Official Symbol	MX2
NCBI Official Synonym Symbols	MXB
NCBI Protein Information	interferon-induced GTP-binding protein Mx2; p78-related protein; myxovirus resistance protein 2; second interferon-induced protein p78; myxovirus (influenza virus) resistance 2; interferon-regulated resistance GTP-binding protein MXB
UniProt Protein Name	Interferon-induced GTP-binding protein Mx2
UniProt Gene Name	MX2
UniProt Entry Name	MX2_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-induced-gtp-binding-protein-mx2-mx2/246979>