

Mouse MX1 (Interferon-induced GTP-binding protein Mx1)MX1 ELISA Kit | MX1 elisa kit

Mouse MX1 (Interferon-induced GTP-binding protein Mx1) ELISA KitMX1

CATALOG # AAA250513	REACTIVITY Mouse
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PRODUCT SYNONYMS

MX1 (Interferon-induced GTP-binding protein Mx1)MX1; Mouse MX1 (Interferon-induced GTP-binding protein Mx1) ELISA KitMX1; Myxoma resistance protein 1; Interferon-induced GTP-binding protein Mx1; Influenza resistance protein; Myxovirus resistance protein 1; Mx1; MX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MX1. No significant cross-reactivity or interference between MX1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for MX1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6996930
NCBI GeneID	17857
NCBI Accession #	NP_034976.1
NCBI GenBank Nucleotide #	NM_010846.1
UniProt Accession #	P09922
Molecular Weight	72,038 Da
NCBI Official Full Name	interferon-induced GTP-binding protein Mx1

NCBI Official Synonym Full Names	MX dynamin-like GTPase 1
NCBI Official Symbol	Mx1
NCBI Official Synonym Symbols	Mx; Mx-1; AI893580
NCBI Protein Information	interferon-induced GTP-binding protein Mx1; myxoma resistance protein 1; myxovirus (influenza virus) resistance 1; myxovirus (influenza) resistance 1 polypeptide
UniProt Protein Name	Interferon-induced GTP-binding protein Mx1
UniProt Gene Name	Mx1
UniProt Entry Name	MX1_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/mx1-interferon-induced-gtp-binding-protein-mx1-mx1/250513>