

Mouse Cation-dependent mannose-6-phosphate receptor (M6PR) ELISA Kit | M6PR elisa kit

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CATALOG #
AAA245086

REACTIVITY
Mouse

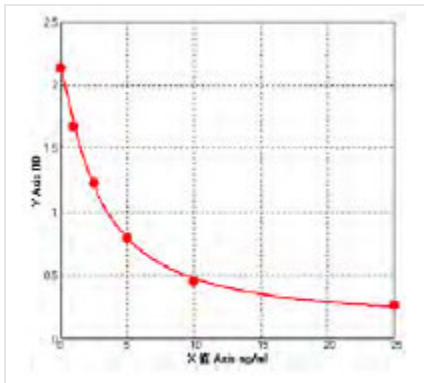
PRODUCT SYNONYMS

Cation-dependent mannose-6-phosphate receptor (M6PR); Mouse Cation-dependent mannose-6-phosphate receptor (M6PR) ELISA Kit; M6PR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M6PR elisa kit

Intended Uses: This M2A IgG2a Antibody ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine M2A IgG2a Antibody. This ELISA kit for research use only!

Principle of the Assay: M2A IgG2a Antibody ELISA kit applies the competitive enzyme immunoassay technique utilizing a M2A IgG2a antigen and an M2A IgG2a Antibody-HRP conjugate. The assay sample and buffer are incubated together with M2A IgG2a Antibody-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 M2A IgG2a Antibody concentration since M2A IgG2a Antibody from samples and M2A IgG2a Antibody-HRP conjugate compete for the M2A IgG2a antigen binding site. Since the number of sites is limited, as more sites are occupied by M2A IgG2a Antibody from the sample, fewer sites are left to bind M2A IgG2a Antibody-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The M2A IgG2a Antibody concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333440434
NCBI GeneID	4074
NCBI Accession #	NP_001193953.1
NCBI GenBank Nucleotide #	NM_001207024.1
Molecular Weight	30,993 Da
NCBI Official Full Name	cation-dependent mannose-6-phosphate receptor isoform 2
NCBI Official Synonym Full Names	mannose-6-phosphate receptor (cation dependent)
NCBI Official Symbol	M6PR
NCBI Official Synonym Symbols	SMPR; MPR46; CD-MPR; MPR 46; MPR-46
NCBI Protein Information	cation-dependent mannose-6-phosphate receptor; Mr 46,000 Man6PR; CD Man-6-P receptor; small mannose 6-phosphate receptor; 46-kDa mannose 6-phosphate receptor
UniProt Protein Name	Cation-dependent mannose-6-phosphate receptor
UniProt Gene Name	M6PR
UniProt Synonym Gene Names	MPR46; MPRD; CD Man-6-P receptor; CD-MPR; MPR 46
UniProt Entry Name	MPRD_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/mouse-elisa-kits/cation-dependent-mannose-6-phosphate-receptor-m6pr/245086>