

Bovine Cation-independent mannose-6-phosphate receptor ELISA Kit | IGF2R elisa kit

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CATALOG #
AAA195936

REACTIVITY
Bovine

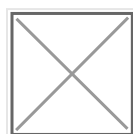
PRODUCT SYNONYMS

Cation-independent mannose-6-phosphate receptor; Bovine Cation-independent mannose-6-phosphate receptor ELISA Kit; CI Man-6-P receptor; CI-MPR; M6PR; 300 kDa mannose 6-phosphate receptor; MPR 300; Insulin-like growth factor 2 receptor; Insulin-like growth; IGF2R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine CI Man-6-P receptor. No significant cross-reactivity or interference was observed.
Sequence Length	2499
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Sensitivity	<0.089 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF2R elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine CI Man-6-P receptor concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CI Man-6-P receptor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for CI Man-6-P receptor and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain CI Man-6-P receptor, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of CI Man-6-P receptor in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[27805933](#)

NCBI GeneID	281849
NCBI Accession #	NP_776777.1
NCBI GenBank Nucleotide #	NM_174352.2
UniProt Accession #	P08169
Molecular Weight	274,529 Da
NCBI Official Full Name	cation-independent mannose-6-phosphate receptor
UniProt Protein Name	Cation-independent mannose-6-phosphate receptor
UniProt Gene Name	IGF2R
UniProt Synonym Gene Names	M6P; CI Man-6-P receptor; CI-MPR; M6PR; MPR 300; IGF-II receptor
UniProt Entry Name	MPRI_BOVIN

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/igf2r-bovine-ovine-elisa-kits/cation-independent-mannose-6-phosphate-receptor/195936>