

Rat Glycoprotein endo-alpha-1,2-mannosidase ELISA Kit | Manea elisa kit

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CATALOG #
AAA56438

REACTIVITY
Rat

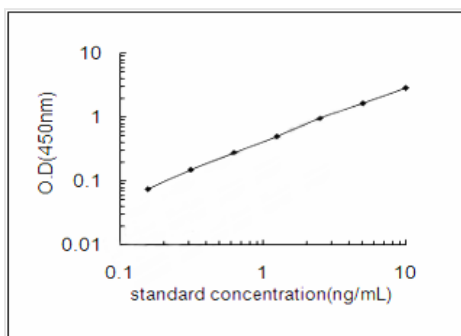
PRODUCT SYNONYMS

Glycoprotein endo-alpha-1; 2-mannosidase; Rat Glycoprotein endo-alpha-1; 2-mannosidase ELISA Kit; Manea elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Endo-alpha mannosidase. No significant cross-reactivity or interference was observed.
Sequence Length	425
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.087 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=7.7%
Recovery	94%
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 Manea elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Endo-alpha mannosidase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Endo-alpha mannosidase 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 Endo-alpha mannosidase, 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 Endo-alpha mannosidase in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	139948516
NCBI GeneID	140808
NCBI Accession #	NP_542963.2
NCBI GenBank Nucleotide #	NM_080785.2
UniProt Accession #	Q5GF25; O35390
Molecular Weight	53,416 Da
NCBI Official Full Name	glycoprotein endo-alpha-1,2-mannosidase
NCBI Official Synonym Full Names	mannosidase, endo-alpha
NCBI Official Symbol	Manea
NCBI Official Synonym Symbols	Enman
NCBI Protein Information	glycoprotein endo-alpha-1,2-mannosidase
UniProt Protein Name	Glycoprotein endo-alpha-1,2-mannosidase
UniProt Gene Name	Manea
UniProt Synonym Gene Names	Endo-alpha mannosidase; Endomannosidase; rEndo; Enman
UniProt Entry Name	MANEA_RAT

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/manea-rat-elisa-kits/glycoprotein-endo-alpha-12-mannosidase/56438>