

Human Mannosidase Alpha Class 2B Member 1 (MAN2B1) RTU ELISA Kit | MAN2B1 rtu elisa kit

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CATALOG #
AAA216911

REACTIVITY
Human

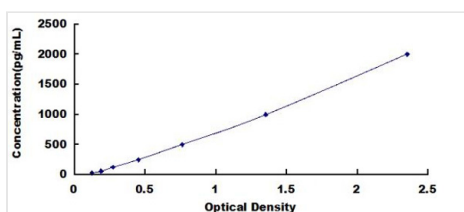
PRODUCT SYNONYMS

Mannosidase Alpha Class 2B Member 1 (MAN2B1); Human Mannosidase Alpha Class 2B Member 1 (MAN2B1) ELISA Kit; MANB; LAMAN; Lysosomal alpha-mannosidase; Lysosomal acid alpha-mannosidase; Mannosidase alpha-B; MAN2B1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1011
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	31.2-2000pg/mL
Sensitivity	14.7pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAN2B1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MAN2B1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MAN2B1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MAN2B1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MAN2B1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51873064
NCBI GeneID	4125
NCBI Accession #	NP_000519.2
NCBI GenBank Nucleotide #	NM_000528.3
UniProt Accession #	O00754; O15330; Q16680; Q93094; Q9BW13; G5E928
Molecular Weight	113,616 Da
NCBI Official Full Name	lysosomal alpha-mannosidase isoform 1
NCBI Official Synonym Full Names	mannosidase alpha class 2B member 1
NCBI Official Symbol	MAN2B1
NCBI Official Synonym Symbols	MANB; LAMAN
NCBI Protein Information	lysosomal alpha-mannosidase
UniProt Protein Name	Lysosomal alpha-mannosidase
UniProt Gene Name	MAN2B1
UniProt Synonym Gene Names	LAMAN; MANB; Laman

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-rtu-elisa-kits/mannosidase-alpha-class-2b-member-1-man2b1/216911>