

Human Mannosidase Alpha Class 1A Member 1 (MAN1A1) RTU ELISA Kit | MAN1A1 rtu elisa kit

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CATALOG # AAA216910	REACTIVITY Human
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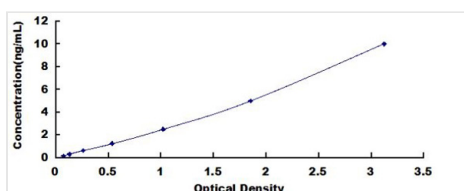
PRODUCT SYNONYMS

Mannosidase Alpha Class 1A Member 1 (MAN1A1); Human Mannosidase Alpha Class 1A Member 1 (MAN1A1) ELISA Kit; HUMM3; HUMM9; MAN9; Mannosyl-Oligosaccharide 1; 2-Alpha-Mannosidase IA; Mannosidase alpha class 1A member 1; Processing alpha-1; 2-mannosidase IA; MAN1A1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	653
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/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 MAN1A1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MAN1A1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MAN1A1. 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 MAN1A1, 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 MAN1A1 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 #	24497519
NCBI GeneID	4121
NCBI Accession #	NP_005898.2
NCBI GenBank Nucleotide #	NM_005907.3
UniProt Accession #	P33908; Q6P052; Q9NU44; Q9UJ13; E7EU32
Molecular Weight	40,037 Da
NCBI Official Full Name	mannosyl-oligosaccharide 1,2-alpha-mannosidase IA
NCBI Official Synonym Full Names	mannosidase alpha class 1A member 1
NCBI Official Symbol	MAN1A1
NCBI Official Synonym Symbols	MAN9; HUMM3; HUMM9
NCBI Protein Information	mannosyl-oligosaccharide 1,2-alpha-mannosidase IA
UniProt Protein Name	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA
UniProt Gene Name	MAN1A1
UniProt Synonym Gene Names	Man9-mannosidase; Alpha-1,2-mannosidase IA

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/human-rtu-elisa-kits/mannosidase-alpha-class-1a-member-1-man1a1/216910>