

Human beta Mannosidase (beta-Manase) ELISA Kit | MANBA elisa kit

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CATALOG #
AAA12967

REACTIVITY
Human

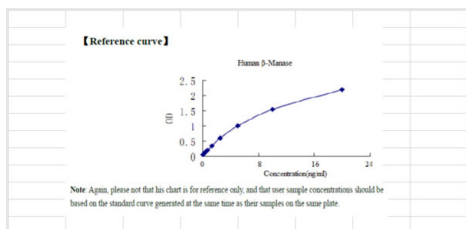
PRODUCT SYNONYMS

beta Mannosidase (beta-Manase); Human beta Mannosidase (beta-Manase) ELISA Kit; Human b Mannosidase (b-Manase) ELISA Kit; MANBA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	879
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MANBA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human beta-Manase monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51338734
NCBI GeneID	4126

Molecular Weight	100,895 Da
NCBI Official Full Name	Beta-mannosidase
NCBI Official Synonym Full Names	mannosidase, beta A, lysosomal
NCBI Official Symbol	MANBA
NCBI Official Synonym Symbols	MANB1
NCBI Protein Information	beta-mannosidase; mannase; mannanase; lysosomal beta A mannosidase
UniProt Protein Name	Beta-mannosidase
UniProt Gene Name	MANBA
UniProt Synonym Gene Names	MANB1; Mannase
UniProt Entry Name	MANBA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/beta-mannosidase-beta-manase/12967>