

Mouse Insulin Autoantibody (IAA) ELISA Kit | IAA elisa kit

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CATALOG #
AAA53030

REACTIVITY
Mouse

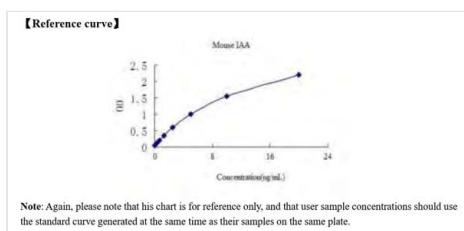
PRODUCT SYNONYMS

Insulin Autoantibody (IAA); Mouse Insulin Autoantibody (IAA) ELISA Kit; IAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	200
Assay Type	Sandwich
Samples	Mouse serum, plasma, or cell culture supernatant
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 IAA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antigen Sandwich ELISA technique. The pre-coated antigen is a related-Mouse IAA antigen, while the detection antigen is another antigen. Samples 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 #

109148522

NCBI GeneID	723961
NCBI Accession #	NP_001035835.1
NCBI GenBank Nucleotide #	NM_001042376.2
Molecular Weight	11,981 Da
NCBI Official Full Name	insulin, isoform 2
NCBI Official Synonym Full Names	INS-IGF2 readthrough
NCBI Official Symbol	INS-IGF2
NCBI Official Synonym Symbols	INSIGF
NCBI Protein Information	insulin, isoform 2; INS-IGF2 readthrough transcript protein; insulin- insulin-like growth factor 2 read-through product
UniProt Protein Name	Insulin, isoform 2
UniProt Gene Name	INS-IGF2
UniProt Entry Name	INSR2_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/insulin-autoantibody-iaa/53030>