

Mouse IAA ELISA Kit | IAA elisa kit

Mouse IAA (Insulin Autoantibodies) ELISA Kit

CATALOG #
AAA21603

REACTIVITY
Mouse

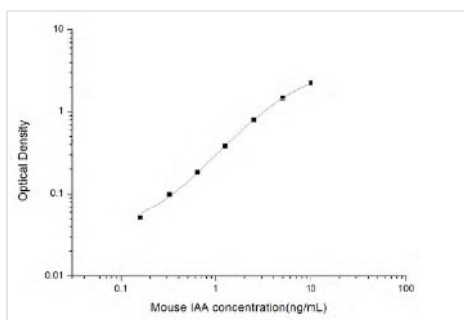
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse INS-Ab in samples. No significant cross-reactivity or interference between Mouse INS-Ab and analogues was observed.
Sequence Length	348
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse INS-Ab were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse INS-Ab were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IAA elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antigen specific to Mouse INS-Ab. Standards or samples are added to the micro ELISA plate wells and combined with the specific antigen. Then a biotinylated detection antigen specific for Mouse INS-Ab and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse INS-Ab, biotinylated detection antigen and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Mouse INS-Ab. You can calculate the concentration of Mouse INS-Ab in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse INS-Ab concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145334821
NCBI GeneID	835618
NCBI Accession #	NP_001078756.1
NCBI GenBank Nucleotide #	NM_001085287.1
UniProt Accession #	Q9FLN8; Q56ZV4; Q8LAR1; A8MS18
Molecular Weight	38,070 Da
NCBI Official Full Name	IAA carboxylmethyltransferase 1
NCBI Official Symbol	IAMT1
NCBI Official Synonym Symbols	IAA carboxylmethyltransferase 1; IAMT1; MCO15.20; MCO15_20
NCBI Protein Information	IAA carboxylmethyltransferase 1
UniProt Protein Name	Indole-3-acetate O-methyltransferase 1
UniProt Gene Name	IAMT1
UniProt Entry Name	IAMT1_ARATH

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/iaa/21603>