

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

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CATALOG #
AAA54651

REACTIVITY
Human

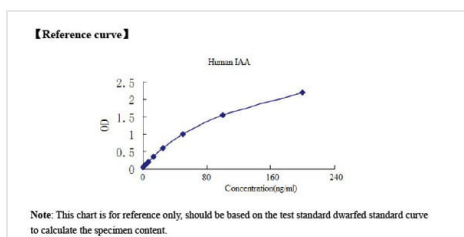
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	200
Samples	Human serum, plasma or cell culture supernatant and organizations in the natural and recombinant IAA concentration.
Assay Type	Sandwich
Detection Range	200 ng/ml-3.12 ng/ml
Sensitivity	The minimum detectable human IAA up to 0.6 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for IAA elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human IAA monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples 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/human-elisa-kits/insulin-autoantibody-iaa/54651>