

Human Autoimmune regulator ELISA Kit | AIRE elisa kit

Human Autoimmune regulator ELISA Kit

CATALOG #
AAA101787

REACTIVITY
Human

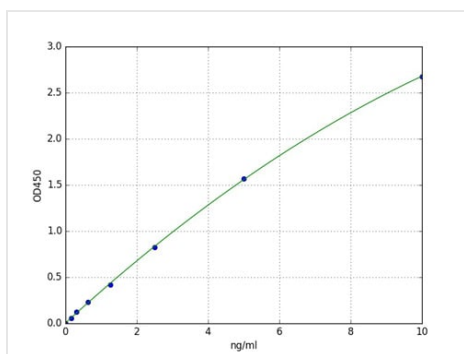
PRODUCT SYNONYMS

Autoimmune regulator; Human Autoimmune regulator ELISA Kit; AIRE/APECED/APS1/PSI/PGA1/APECED protein/Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein/autoimmune regulator; AIRE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	545
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human AIRE ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.012	0.097	0.192	0.387	0.729	1.190	1.767	2.381

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIRE elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human AIRE antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human AIRE antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human AIRE amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human AIRE can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557291
NCBI GeneID	326
NCBI Accession #	NP_000374.1
NCBI GenBank Nucleotide #	NM_000383.3
Molecular Weight	36,501 Da
NCBI Official Full Name	autoimmune regulator
NCBI Official Synonym Full Names	autoimmune regulator
NCBI Official Symbol	AIRE
NCBI Official Synonym Symbols	APS1; APSI; PGA1; AIRE1; APECED
NCBI Protein Information	autoimmune regulator
UniProt Protein Name	Autoimmune regulator
UniProt Gene Name	AIRE
UniProt Synonym Gene Names	APECED; APECED protein
UniProt Entry Name	AIRE_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://stage.aaabiotech.com/aire-human-elisa-kits/autoimmune-regulator/101787>