

Human L-amino-acid oxidase, IL4I1 ELISA Kit | IL4I1 elisa kit

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CATALOG #
AAA123771

REACTIVITY
Human

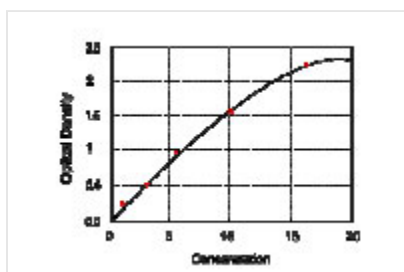
PRODUCT SYNONYMS

L-amino-acid oxidase; IL4I1; Human L-amino-acid oxidase; IL4I1 ELISA Kit; IL4I1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	567
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-15ng/ml
Sensitivity	0.02ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL4I1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human L-amino-acid oxidase (also known as IL4I1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human IL4I1 antibody. IL4I1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human IL4I1 Antibody is added and binds to IL4I1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL4I1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human IL4I1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23821023
NCBI GeneID	259307
NCBI GenBank Nucleotide #	NP_690863.1
UniProt Accession #	Q96RQ9
NCBI Official Full Name	L-amino-acid oxidase isoform 1
NCBI Official Synonym Full Names	interleukin 4 induced 1
NCBI Official Symbol	IL4I1
NCBI Official Synonym Symbols	LAO; FIG1; LAAO
NCBI Protein Information	L-amino-acid oxidase
UniProt Protein Name	L-amino-acid oxidase
UniProt Gene Name	IL4I1
UniProt Synonym Gene Names	FIG1; LAAO; LAO; IL4-induced protein 1; hFIG1
UniProt Entry Name	OXLA_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/l-amino-acid-oxidase-il4i1/123771>