

Human Interleukin 4 Induced Protein 1 (IL4I1) CLIA Kit | IL4I1 clia kit

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CATALOG # AAA189117	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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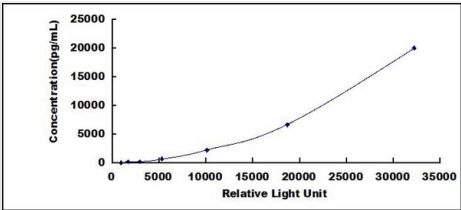
PRODUCT SYNONYMS

Interleukin 4 Induced Protein 1 (IL4I1); Human Interleukin 4 Induced Protein 1 (IL4I1) CLIA Kit; Interleukin 4 Induced Protein 1; FIG1; LAAO; LAO; L-amino-acid oxidase; IL4I1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 4 Induced Protein 1 (IL4I1). No significant cross-reactivity or interference between Interleukin 4 Induced Protein 1 (IL4I1) and analogues was observed.
Sequence Length	589
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 11.2pg/mL
Applicable Applications for IL4I1 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interleukin 4 Induced Protein 1 (IL4I1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interleukin 4 Induced Protein 1 (IL4I1) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Interleukin 4 Induced Protein 1 (IL4I1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interleukin 4 Induced Protein 1 (IL4I1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interleukin 4 Induced Protein 1 (IL4I1) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	384381475
NCBI GeneID	259307
NCBI Accession #	NP_001244946.1
NCBI GenBank Nucleotide #	NP_001244946.1
UniProt Accession #	Q96RQ9
NCBI Official Full Name	L-amino-acid oxidase isoform 2
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-clia-kits/interleukin-4-induced-protein-1-il4i1/189117>