

Human Acetolactate synthase-like protein ELISA Kit | ILVBL elisa kit

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CATALOG #
AAA100894

REACTIVITY
Human

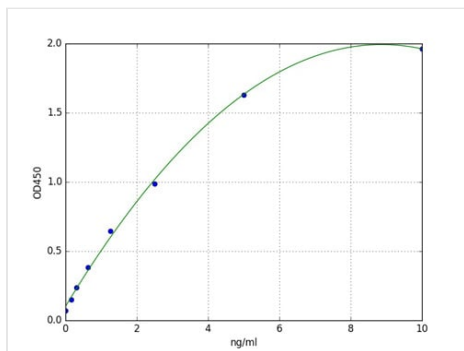
PRODUCT SYNONYMS

Acetolactate synthase-like protein; Human Acetolactate synthase-like protein ELISA Kit; ILVBL/IlvB-like protein; ILVBL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	632
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



Typical Data & Standard Curve

Results of a typical standard run of a Human ILVBL 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	0.004	0.118	0.203	0.369	0.711	1.035	1.496	2.389

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ILVBL elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ILVBL antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ILVBL 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 ILVBL amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ILVBL can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

21361361

NCBI GeneID	10994
NCBI Accession #	NP_006835.2
NCBI GenBank Nucleotide #	NM_006844.4
Molecular Weight	67,868 Da
NCBI Official Full Name	acetolactate synthase-like protein
NCBI Official Synonym Full Names	ilvB (bacterial acetolactate synthase)-like
NCBI Official Symbol	ILVBL
NCBI Official Synonym Symbols	AHAS; 209L8; ILV2H
NCBI Protein Information	acetolactate synthase-like protein
UniProt Protein Name	Acetolactate synthase-like protein
UniProt Gene Name	ILVBL
UniProt Synonym Gene Names	AHAS
UniProt Entry Name	ILVBL_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/ilvbl-human-elisa-kits/acetolactate-synthase-like-protein/100894>