

Human Insulin Like Growth Factor Binding Protein, Acid Labile Subunit (IGFALS) ELISA Kit | IGFALS elisa kit

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CATALOG # AAA20448	REACTIVITY Human
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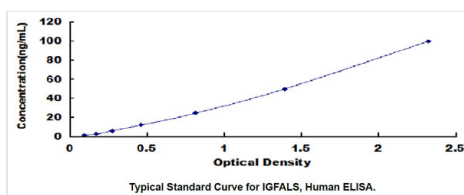
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein; Acid Labile Subunit (IGFALS); Human Insulin Like Growth Factor Binding Protein; Acid Labile Subunit (IGFALS) ELISA Kit; ALS; IGFALS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IGFALS. No significant cross-reactivity or interference between IGFALS and analogues was observed.
Sequence Length	643
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	< 0.55ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IGFALS were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IGFALS were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
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)

ADDITIONAL INFORMATION

Related Product Information for IGFALS elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to IGFALS. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to IGFALS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IGFALS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of IGFALS in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IGFALS in human serum, plasma, tissue homogenates and other biological fluids.
Product Categories/Family for IGFALS elisa kit	Endocrinology

NCBI AND UNIPROT INFORMATION

NCBI GI #	225579152
NCBI GeneID	3483
NCBI Accession #	NP_001139478.1
NCBI GenBank Nucleotide #	NM_001146006.1
UniProt Accession #	P35858; B4DZY8; E9PGU3
Molecular Weight	70,236 Da
NCBI Official Full Name	insulin-like growth factor-binding protein complex acid labile subunit isoform 1
NCBI Official Synonym Full Names	insulin-like growth factor binding protein, acid labile subunit
NCBI Official Symbol	IGFALS
NCBI Official Synonym Symbols	ALS; ACLSD
NCBI Protein Information	insulin-like growth factor-binding protein complex acid labile subunit
UniProt Protein Name	Insulin-like growth factor-binding protein complex acid labile subunit
UniProt Gene Name	IGFALS
UniProt Synonym Gene Names	ALS; ALS
UniProt Entry Name	ALS_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://www.aaabiotech.com/human-elisa-kits/insulin-like-growth-factor-binding-protein-acid-labile-subunit-igfals/20448>