

Human IGFALS ELISA Kit | IGFALS elisa kit

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

CATALOG #
AAA163486

REACTIVITY
Human

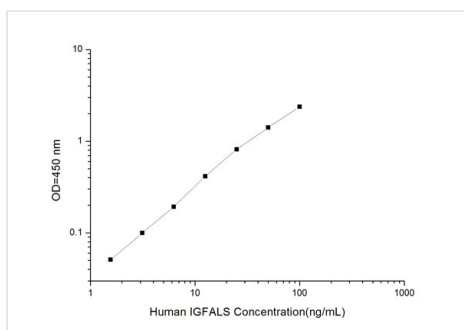
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human IGFALS in samples. No significant cross-reactivity or interference between Human IGFALS and analogues was observed.
Sequence Length	605
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human IGFALS were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human IGFALS were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFALS elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IGFALS. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human IGFALS and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IGFALS, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human IGFALS. You can calculate the concentration of Human IGFALS in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human IGFALS concentrations in serum, plasma and other biological fluids.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826772
NCBI GeneID	3483
NCBI Accession #	NP_004961.1
NCBI GenBank Nucleotide #	NM_004970.2
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 2
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; insulin-like growth factor binding protein complex acid labile chain
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.