

Rat Insulin-like growth factor-binding protein complex acid labile subunit, IGFALS ELISA Kit | IGFALS elisa kit

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CATALOG #
AAA123358

REACTIVITY
Rat

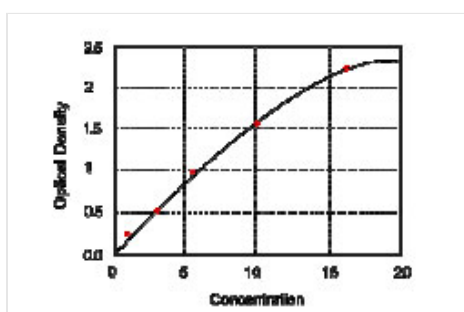
PRODUCT SYNONYMS

Insulin-like growth factor-binding protein complex acid labile subunit; IGFALS; Rat Insulin-like growth factor-binding protein complex acid labile subunit; IGFALS ELISA Kit; IGFALS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	643
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml - 400ng/ml
Sensitivity	0.43ng/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 IGFALS elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Insulin-like Growth Factor-binding Protein Complex Acid Labile Subunit (also known as IGFALS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IGFALS antibody. IGFALS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IGFALS Antibody is added and binds to IGFALS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IGFALS 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 Rat IGFALS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225579152
NCBI GeneID	3483
NCBI GenBank Nucleotide #	NP_001139478.1
UniProt Accession #	P35858
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/insulin-like-growth-factor-binding-protein-complex-acid-labile-subunit-igfals/123358>