

Human Eukaryotic translation initiation factor 4E-binding protein 1, EIF4EBP1 ELISA Kit | EIF4EBP1 elisa kit

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CATALOG #
AAA123528

REACTIVITY
Human

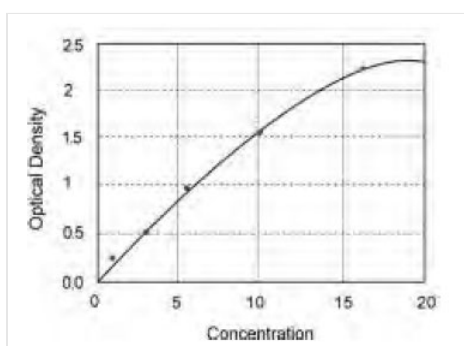
PRODUCT SYNONYMS

Eukaryotic translation initiation factor 4E-binding protein 1; EIF4EBP1; Human Eukaryotic translation initiation factor 4E-binding protein 1; EIF4EBP1 ELISA Kit; EIF4EBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	118
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-6000ng/L
Sensitivity	10.09ng/L
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 EIF4EBP1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human EIF4EBP1 antibody. EIF4EBP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human EIF4EBP1 Antibody is added and binds to EIF4EBP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated EIF4EBP1 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 Human EIF4EBP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Eukaryotic translation initiation factor 4E-binding protein 1 (also known as EIF4EBP1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758258
NCBI GeneID	1978
NCBI GenBank Nucleotide #	NP_004086.1
UniProt Accession #	Q13541
NCBI Official Full Name	eukaryotic translation initiation factor 4E-binding protein 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E binding protein 1
NCBI Official Symbol	EIF4EBP1
NCBI Official Synonym Symbols	BP-1; 4EBP1; 4E-BP1; PHAS-I
NCBI Protein Information	eukaryotic translation initiation factor 4E-binding protein 1
UniProt Protein Name	Eukaryotic translation initiation factor 4E-binding protein 1
UniProt Gene Name	EIF4EBP1
UniProt Synonym Gene Names	4E-BP1; eIF4E-binding protein 1; PHAS-I
UniProt Entry Name	4EBP1_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://stage.aaabiotech.com/human-elisa-kits/eukaryotic-translation-initiation-factor-4e-binding-protein-1-eif4ebp1/123528>