

Human Eukaryotic translation initiation factor 3 subunit A ELISA Kit | EIF3A elisa kit

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CATALOG #
AAA97880

REACTIVITY
Human

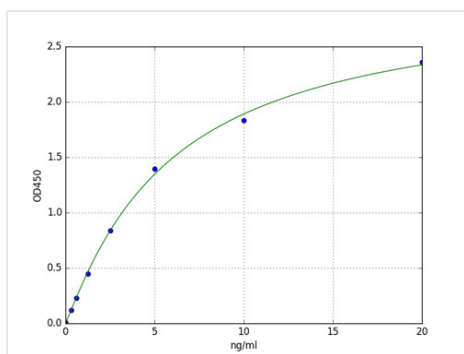
PRODUCT SYNONYMS

Eukaryotic translation initiation factor 3 subunit A; Human Eukaryotic translation initiation factor 3 subunit A ELISA Kit; EIF3A/Eukaryotic translation initiation factor 3 subunit A/eIF3a/eIF3 p185/eIF3 p180/eIF3 p167/Eukaryotic translation initiation factor 3 subunit 10/eIF-3-theta/EIF3S10; EIF3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1382
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human EIF3A 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.013	0.216	0.444	0.739	0.986	1.571	1.713	2.239

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EIF3A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human EIF3A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human EIF3A 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 EIF3A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human EIF3A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503509
NCBI GeneID	8661
NCBI Accession #	NP_003741.1
NCBI GenBank Nucleotide #	NM_003750.2
Molecular Weight	162,636 Da
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit A
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3 subunit A
NCBI Official Symbol	EIF3A
NCBI Official Synonym Symbols	EIF3; P167; p180; p185; TIF32; EIF3S10; eIF3-p170; eIF3-theta
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit A
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit A
UniProt Gene Name	EIF3A
UniProt Synonym Gene Names	eIF3a
UniProt Entry Name	EIF3A_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/eif3a-human-elisa-kits/eukaryotic-translation-initiation-factor-3-subunit-a/97880>