

Mouse Elongation factor 1-alpha 1 ELISA Kit | Eef1a1 elisa kit

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CATALOG #
AAA23346

REACTIVITY
Mouse

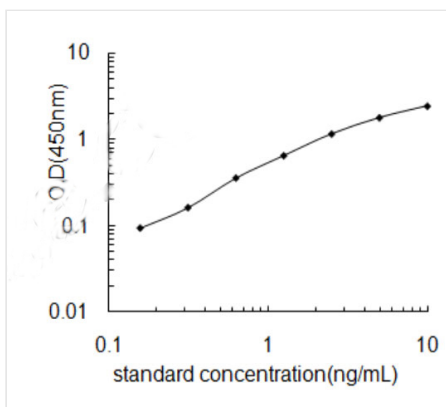
PRODUCT SYNONYMS

Elongation factor 1-alpha 1; Mouse Elongation factor 1-alpha 1 ELISA Kit; EF-1-alpha-1; Elongation factor Tu; EF-Tu; Eukaryotic elongation factor 1 A-1; eEF1A-1; Eef1a1; Eef1a; Eef1a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse EF-1-alpha-1
Sequence Length	462
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.089 ng/mL
Intra-assay Precision	<=6.2%
Inter-assay Precision	<=7.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Eef1a1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126032329
NCBI GeneID	13627
NCBI Accession #	NP_034236.2
NCBI GenBank Nucleotide #	NM_010106.2
UniProt Accession #	P10126; Q61511; Q6ZWN2; Q8BMB8; Q8BVS8; Q99KU5
Molecular Weight	50,114 Da
NCBI Official Full Name	elongation factor 1-alpha 1
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 alpha 1
NCBI Official Symbol	Eef1a1
NCBI Protein Information	elongation factor 1-alpha 1
UniProt Protein Name	Elongation factor 1-alpha 1
UniProt Gene Name	Eef1a1
UniProt Synonym Gene Names	Eef1a; EF-1-alpha-1; EF-Tu; eEF1A-1
UniProt Entry Name	EF1A1_MOUSE

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/eef1a1-mouse-elisa-kits/elongation-factor-1-alpha-1/23346>