

Mouse Eukaryotic Translation Elongation Factor 1 Delta (EEF1d) ELISA Kit | EEF1d elisa kit

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CATALOG #
AAA189829

REACTIVITY
Mouse

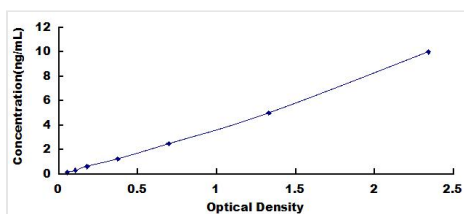
PRODUCT SYNONYMS

Eukaryotic Translation Elongation Factor 1 Delta (EEF1d); Mouse Eukaryotic Translation Elongation Factor 1 Delta (EEF1d) ELISA Kit; EF-1D; guanine nucleotide exchange protein; Antigen NY-CO-4; EEF1d/Eukaryotic Translation Elongation Factor 1 Delta; EEF1d elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of EEF1d. No significant cross-reactivity or interference between EEF1d and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EEF1d were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level EEF1d were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EEF1d elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to EEF1d. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to EEF1d. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EEF1d, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of EEF1d in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EEF1d in mouse tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for EEF1d elisa kit	Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	549806782
NCBI GeneID	66656
NCBI Accession #	NP_001272358.1
NCBI GenBank Nucleotide #	NM_001285429.1
UniProt Accession #	P57776; Q68FG5; Q9CWW2; Q9CWW1; Q9CYD4; Q9CYJ5
Molecular Weight	31,293 Da
NCBI Official Full Name	elongation factor 1-delta isoform b
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)
NCBI Official Symbol	Eef1d
NCBI Official Synonym Symbols	EF-1-delta
NCBI Protein Information	elongation factor 1-delta
UniProt Protein Name	Elongation factor 1-delta
UniProt Gene Name	Eef1d
UniProt Synonym Gene Names	EF-1-delta
UniProt Entry Name	EF1D_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.