

Mouse Enolase, Non Neuronal (NNE) ELISA Kit | NNE elisa kit

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CATALOG #
AAA148568

REACTIVITY
Mouse

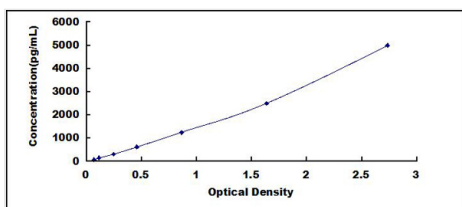
PRODUCT SYNONYMS

Enolase; Non Neuronal (NNE); Mouse Enolase; Non Neuronal (NNE) ELISA Kit; ENO1; ENO1L1; MPB1; PPH; Alpha Enolase; Enolase 1; Phosphopyruvate hydratase; Plasminogen-binding protein; 2-phospho-D-glycerate hydro-lyase; C-myc promoter-binding; NNE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Enolase, Non Neuronal (NNE). No significant cross-reactivity or interference between Enolase, Non Neuronal (NNE) and analogues was observed.
Sequence Length	434
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	31pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Enolase, Non Neuronal (NNE) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Enolase, Non Neuronal (NNE) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	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 NNE elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Enolase, Non Neuronal (NNE). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Enolase, Non Neuronal (NNE). 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 Enolase, Non Neuronal (NNE), 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 Enolase, Non Neuronal (NNE) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for NNE elisa kit	Enzyme & Kinase; Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	70794816
NCBI GeneID	433182
NCBI Accession #	NP_001020559.1
NCBI GenBank Nucleotide #	NM_001025388.1
UniProt Accession #	P17182; Q99KT7; Q9DCY7
Molecular Weight	47,141 Da
NCBI Official Full Name	enolase 1B, retrotransposed
NCBI Official Synonym Full Names	enolase 1B, retrotransposed
NCBI Official Symbol	Eno1b
NCBI Official Synonym Symbols	Eno1; Gm5506; EG433182
NCBI Protein Information	enolase 1B, retrotransposed
UniProt Protein Name	Alpha-enolase
UniProt Gene Name	Eno1
UniProt Synonym Gene Names	Eno-1; NNE

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/mouse-elisa-kits/enolase-non-neuronal-nne/148568>