

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

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CATALOG #
AAA65174

REACTIVITY
Rat

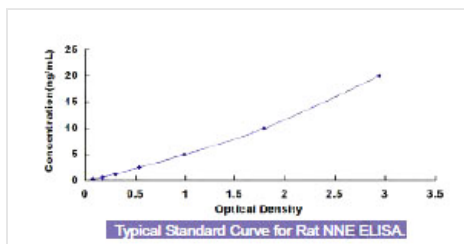
PRODUCT SYNONYMS

Enolase; Non Neuronal (NNE); Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of NNE. No significant cross-reactivity or interference between NNE and analogues was observed.
Sequence Length	434
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NNE 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 NNE were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NNE elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NNE in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NNE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 NNE in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158186651
NCBI GeneID	24333
NCBI Accession #	NP_001103378.1
NCBI GenBank Nucleotide #	NM_001109908.1
UniProt Accession #	P04764; Q66HI3; Q6AYV3; Q6P504
Molecular Weight	47,128 Da
NCBI Official Full Name	alpha-enolase
NCBI Official Synonym Full Names	enolase 1
NCBI Official Symbol	Eno1
NCBI Official Synonym Symbols	Nne
NCBI Protein Information	alpha-enolase
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/rat-elisa-kits/enolase-non-neuronal-nne/65174>