

Mouse enolase 1, (alpha) ELISA Kit | ENO1 elisa kit

Mouse Alpha-enolase, ENO1 ELISA Kit

CATALOG #
AAA113005

REACTIVITY
Mouse

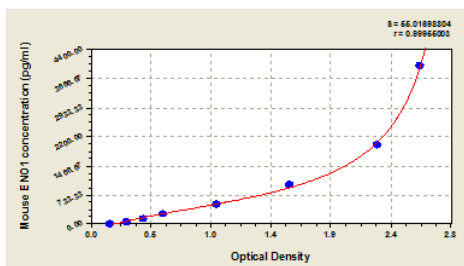
PRODUCT SYNONYMS

enolase 1; (alpha); Mouse Alpha-enolase; ENO1 ELISA Kit; Mouse Alpha-enolase (ENO1) ELISA kit; ENO1L1; MBP-1; MPB1; NNE; PPH; 2-phospho-D-glycerate hydro-lyase; MYC promoter-binding protein 1; alpha enolase like 1; non-neural enolase; phosphopyruvate hydratase; tau-crystallin; ENO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ENO1. No significant cross-reactivity or interference between Mouse ENO1 and analogues was observed.
Sequence Length	434
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 2	glyconeogenesis and glycometabolism
Protein Biological Process 3	Glycolysis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENO1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ENO1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ENO1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ENO1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ENO1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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; enolase 1, alpha non-neuron
UniProt Protein Name	Alpha-enolase
UniProt Gene Name	Eno1
UniProt Synonym Gene Names	Eno-1; NNE
UniProt Entry Name	ENOA_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/eno1-mouse-elisa-kits/enolase-1-alpha/113005>